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ALBANY ZONE CATALOGUES

OF 8276 STARS BETWEEN  $-20^{\circ}$  AND  $-41^{\circ}$

AND

OF 2800 STARS BETWEEN  $-2^{\circ}$  AND  $+1^{\circ}$

FOR THE EPOCH 1900







Astron  
Tables  
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III

# ALBANY ZONE CATALOGUES FOR THE EPOCH 1900

PREPARED AT THE DUDLEY OBSERVATORY,  
ALBANY, NEW YORK

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CATALOGUE OF 8276 STARS BETWEEN  $20^{\circ}$  AND  $41^{\circ}$  OF  
SOUTH DECLINATION

By LEWIS BOSS

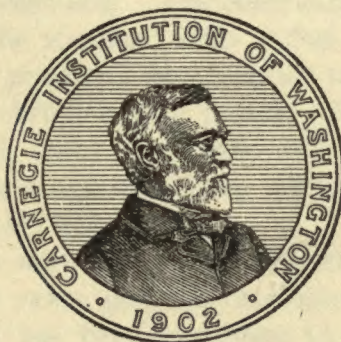
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CATALOGUE OF 2800 STARS BETWEEN  $2^{\circ}$  OF SOUTH  
AND  $1^{\circ}$  OF NORTH DECLINATION

By ARTHUR J. ROY

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CATALOGUES CONTAINING STANDARD STARS AND  
MISCELLANEOUS STAR POSITIONS



148121  
27 / 1 / 19

PUBLISHED BY THE CARNEGIE INSTITUTION OF WASHINGTON  
WASHINGTON, 1918



ALBANY ZONE CATALOGUES FOR THE  
EPOCH 1900

MEASURED AT THE DOBSON OBSERVATORY  
ALBANY, NEW YORK

CATALOGUE OF 820 STARS BETWEEN 30 AND 37.5° OF  
SOUTH DECLINATION

BY LEWIS BOND

CATALOGUE OF 120 STARS BETWEEN 1° OF SOUTH  
AND 1° OF NORTH DECLINATION

CARNEGIE INSTITUTION OF WASHINGTON

PUBLICATION No. 246

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PRESS OF GIBSON BROTHERS  
WASHINGTON



## PREFACE.

The trend of the investigations accomplished by Professor Lewis Boss previous to undertaking this catalogue led him to believe that the time had finally arrived when it would be possible to determine stellar proper-motions with a sufficient degree of refinement to shed some light on the problems of the structure of the sidereal system and the determination of the motion of the sun in space.

Out of years of accumulated thought on these problems, a general plan of action began to crystallize, so ambitious in scope as to seem impracticable with the resources at his disposal. The plan consisted in collating all the testimony of observation which was available in respect to the stars which were known to be in sensible motion; to supplement this with further observations of his own, or those arranged for elsewhere; and then to determine from all this evidence the problems which it was designed to solve.

Because of the magnitude of the undertaking, in the formulation of plans he was governed by two rules: first, that the program of work should be organized in distinct, successive steps, in such a manner that each should contribute to the problem sufficient in value to warrant the undertaking of it in and for itself; second, that he should not in advance promise to accomplish more than one of these steps. In this way he hoped to escape the charge of undertaking what some might consider manifestly too great a task for his small resources; and, on the other hand, he had the advantage of working along the lines of a systematic, connected, and cumulative program with all the incentive and inspiration resulting from a lofty aim.

As a preliminary step in this program he began observations upon stars, suspected of sensible motion, in the belt of sky between  $20^{\circ}$  and  $41^{\circ}$  south of the equator, with a view to the more accurate determination of their motions. The field chosen was one practically inaccessible to the principal observatories of Europe, owing to their more northerly latitude. The observations were strictly differential. Because of the weakness of the standard stars within the chosen region it became necessary to determine their positions with greater accuracy, and as a result the investigation described in the *Astronomical Journal*, No. 499, was undertaken. To the program already outlined, there was finally added a list of stars designed to include all stars to the eighth magnitude lying within the zone; but this requirement in the end was not strictly adhered to.

Though the observations were prosecuted with vigor and the reductions practically finished nearly twelve years ago, the catalogue was not published for lack of funds, a deficiency which has been overcome by the generous action of the Carnegie Institution of Washington in accepting the burden of printing.

All of the observations in Part I were taken by Professor Lewis Boss. He was ably and enthusiastically assisted by Arthur J. Roy and William B. Varnum, whose duty it was to make the microscope readings on the circle. They also largely reduced the observations in an efficient manner. The checking of the final places



and the preparation of the catalogue for the printer were carefully performed by Mr. Roy, who also supervised the search for large proper-motions.

The second part of the catalogue consists of a list of stars contained within the zone  $-2^{\circ}$  to  $+1^{\circ}$  observed, reduced, and prepared for the printer by Arthur J. Roy. Those stars were selected for which the catalogue, then in preparation at Nikolaief, would fail to furnish material for proper-motion determinations.

The third part consists of the standard star positions observed in determining the system upon which the zone observations are based and a number of miscellaneous star positions largely derived for comet comparisons. The designations of the standard stars are printed in italics. These were all observed by Professor Lewis Boss.

The fourth part consists of miscellaneous stars observed by Mr. Roy.

The appendix contains a list of the proper-motions amounting to more than  $10''$  a century, derived from a comparison of available material with the positions given in Part I.

The following introduction to the catalogue has been prepared by Arthur J. Roy.

BENJAMIN BOSS,  
*Director.*



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## INTRODUCTION.

### THE MERIDIAN CIRCLE.

The instrument known as the Olcott Meridian Circle was described in the first volume of the *Annals of the Dudley Observatory* and again in the introduction to the *Albany Astronomische Gesellschaft* Zone for 1875. Since then the instrument has been removed to a new location and housed in a metal building with wooden louvre-work to protect it from the sun. A description of the building, together with incidental changes in the construction of the instrument, is given in *Astronomical Journal* No. 334. Besides the insertion of new transit and zenith distance threads, an important change in the microscopes was made. They were shortened and provided with new objectives which increased their effective magnifying power from 22 to 36 diameters, greatly increasing the ease and precision with which the readings can be made.

Several times between the remounting of the instrument and the completion of the observations forming this catalogue, there was trouble from lint and other material lodging in the reticule. Often it could be removed without injury to the threads, but too frequently they had to be reset. They needed some replacements at the outset in January 1896, but rather than make the attempt at that season Dr. Boss used, until April 16, those threads that were still in good condition. There were eleven available, and their approximate intervals on each side of the central thread were  $20^{\circ}1$ ,  $17^{\circ}6$ ,  $15^{\circ}0$ ,  $7^{\circ}9$ , and  $5^{\circ}0$ . Transits, except of close circumpolar stars, were usually taken with the aid of the chronograph over the 11 threads and the mean of the 11 threads was used as the zero of reference.

Transits of stars within 5 degrees of the pole were usually taken by the eye-and-ear method, while more distant circumpolars were registered on the chronograph, but there was no attempt to make a rigid division in the method.

After April 16, 1896, an entirely new set of threads was inserted at the approximate intervals from the middle thread of  $30^{\circ}1$ ,  $24^{\circ}4$ ,  $20^{\circ}0$ ,  $17^{\circ}5$ ,  $15^{\circ}0$ ,  $10^{\circ}1$ ,  $7^{\circ}8$ ,  $5^{\circ}0$ , and  $2^{\circ}5$ . The first 5 were noted as the P (or preceding) set, the middle 9 as the M set, and the last 5 as the F (or following) set. The point of reference was the mean of the M set.

It was the intention, in practice, to take the transits of miscellaneous stars over the M set and of the fundamentals (excepting circumpolars) over 15 threads. For a few weeks, as opportunity offered, transits of many stars were taken over the whole 19 threads to obtain material for thread intervals, but in no instance were more than 15 threads used in the reduction of an observation, and this practice was followed rigorously throughout the work, even after additional threads were inserted, and transits were taken over the whole 25, for the determination of intervals. However, in a few cases after September 1, 1897, failing to get the usual symmetrical 15 threads, the mean of M and F was used. As exigencies of the work demanded, largely to prevent congestion in certain parts of the observing list, deviations were made from the usual practice and transits were taken over various



groups of threads. In the case of a close pair, one might be taken from  $P_3$  to  $M_5$  and the other  $M_6$  to  $F_3$ ; or in the case of a wide pair, one might be taken  $P_3$  to  $M_7$  and the other  $M_3$  to  $F_3$ , or some other combination which the position angle and distance permitted. The reduction to the mean of the M set of each of the convenient combinations was deduced and tabulated for every  $10'$  from  $0^\circ$  to  $41^\circ$  of declination. Also for convenience in reducing transits broken through failure of the chronograph or by interposition of clouds, the reduction of each thread to the mean was tabulated for each  $10'$  from  $0^\circ$  to  $41^\circ$ . This table also served for testing any transit suspected of having bad threads, and it was used extensively in duplicating the reductions to mean thread where the threads were taken unsymmetrically with  $M_5$ . Throughout the work, the means of all symmetrical transits were obtained with the aid of an adding machine and sharply checked by comparing with each mean the means of symmetrical pairs of threads. This check also served to detect bad threads due either to difficult transit or to errors in reading the chronograph record. The chronograph scale was so graduated that half-second, one-second, and two-second errors were not uncommon. The reductions to mean thread were made solely by the writer.

The transit threads inserted in April 1896 served until July 10, 1897. Preliminary intervals were derived from the regular observations of May and June 1896. A second derivation was made from the January, February, and March 1897 observations, but finding no effect attributable to the change of seasons, the means of all were taken. The differences of adopted reductions minus preliminary from  $P_1$  to  $F_5$  respectively in thousandths of a second were  $+8, +8, 0, -2, -4, +3, -7, 0, -4, +1, -2, -2, +4, +7, -1, -7, -5, -8$ , and  $+5$ .

Hitching of the right-ascension micrometer thread led to some slight changes in the reticule, and revised intervals were used from July 15 to August 30, 1897; but then slackening of some threads in damp weather necessitated their replacement and radical changes were made at the same time. The whole M set and some others were replaced and new threads were added at approximately  $26^\circ$ ,  $28^\circ$ , and  $32^\circ$  on each side, making 25 in all arranged in five groups. The two outer groups of 5 threads were noted as  $P'$  and  $F'$ . Within them were two groups of 3 threads,  $P$  and  $F$ , and the central group of 9 threads,  $M$ . The practice was continued of observing miscellaneous stars on  $M$ , and fundamentals on  $P_1$  to  $F_3$  (15 threads), while the additional side threads greatly facilitated the observation of doubles and pairs; and in congested parts of the list, two stars several degrees apart in declination but differing little in right ascension could, by a little foresight, be taken with ease. For this last purpose, " $p_{10}$ " ( $P'_1$  to  $M_2$ ) and " $f_{10}$ " ( $M_8$  to  $F'_5$ ) were the usual combination, but subject to many variations to adapt to circumstances. These new threads served only from September 1 to October 25, when 3 other outer threads slackened but were replaced easily and served until May 1899, and with a replacement of the  $F'$  set served until the end of the work. As mentioned elsewhere, during the semi-fundamental work from May 1, 1897 to June 15, 1898, the instrument was used in short periods alternately clamp east and clamp west. The misfortunes with the threads during the latter half of 1897, necessitating the



frequent recomputation of intervals, soon led to the discovery that the intervals apparently differed in the two positions of the instrument. The period after October 25, 1897, furnished abundance of material, and a thorough, though not exhaustive, examination was made. Four hundred transits, 200 in each clamp, scattered over a whole year's work were utilized. These were largely the transits of the primary time stars, but no observations were included if there were notes of exceptionally poor conditions. The observed differences between the two clamps are exhibited in the following table, where the notation is that of clamp west and the quantities are the algebraic sums of the observed reductions in the reverse positions:

*Thread Differences due to Reversal.*

$P'_1 + 0.020$	$M_1 + 0.008$	$F_1 + 0.011$
$P'_2 + 0.026$	$M_2 + 0.006$	$F_2 + 0.026$
$P'_3 - 0.014$	$M_3 + 0.002$	$F_3 + 0.028$
$P'_4 + 0.007$	$M_4 - 0.011$	$F'_1 + 0.017$
$P'_5 + 0.023$	$M_5 + 0.010$	$F'_2 + 0.018$
$P_1 + 0.025$	$M_6 - 0.001$	$F'_3 + 0.004$
$P_2 + 0.039$	$M_7 + 0.001$	$F'_4 + 0.026$
$P_3 + 0.028$	$M_8 - 0.004$	$F'_5 + 0.026$
	$M_9 - 0.010$	
<hr/>		
Mean $+0.019$	Mean $0.000$	Mean $+0.019$

Stated in other words, these quantities represent the apparent displacements of the individual threads relative to the mean of the M set produced by the reversal of the instrument. The identical results in the means of the P and F sets show no trace of effect proportional to the distance from the central thread, and the small effect shown in the M set is too slight compared with the probable error to be significant. From the original transits of stars between  $-20^\circ$  and  $-35^\circ$  the probable error of registering the transit of a single thread was found to be  $\pm 0.036$ -sec  $\delta$ , indicating a probable error of  $\pm 0.0036$  for each of the quantities in the above table, and a probable error of  $\pm 0.0013$  for the mean of the P and F sets. The same data, 1,100 transits in each clamp, gave reductions of  $M_5$  differing less than  $0.002 \pm 0.0018$ .

If any part of these anomalies was caused by unsymmetrical illumination, the varying effects, notably on  $P'_3$  and  $P_2$ , might be ascribed to lack of uniformity among the threads. The threads of the M set were all from one web and appeared quite uniform, but there were some striking differences in the side sets. Evidence was accumulated until the probable error was sufficiently reduced to indicate that differences were real and should be adopted, or were accidental and could be ignored. It was not assumed that an important reduction, once determined, remained constant—notably the reduction to  $M_0$  of the 15 threads usually used for fundamental time stars. The values adopted in November 1898 were  $-0.0024$  clamp east and  $+0.0128$  clamp west, and all the available material to the end of the work confirmed these values within the probable error of determination. All the reductions to  $M_0$  in either clamp were made with the intervals as determined in that clamp. All observations were made with dark threads in a bright field.



Partly through necessity, but largely for experiment, the methods of observing zenith distances were varied from time to time. During the initial period preceding April 16, 1896, the zenith-distance micrometer was unserviceable. Consequently the pointings of the telescope were made during the transit of the stars across the reticule by means of the slow-motion tangent screw, in such a manner that the fixed zenith-distance wire would bisect the stars at  $M_5$ , the center of the reticule. Following April 16, the new threads permitted the formation of parallel wires by placing the micrometer wire about 7" from the fixed wire, which distance was varied slightly from time to time. The threads were inclined to the horizontal about 20', but the inclination was changed slightly each time any threads were replaced. The inclination was measured by setting the micrometer thread upon an equatorial star at intervals as it transited the field. Observations in general were made between the threads with the exception of the circumpolars, which were taken on the fixed thread. This method was followed about a year, but beginning June 18, 1897, the observations were made on the fixed thread, and the faint and difficult stars were taken between threads. All of the telescope work was done by the director, Lewis Boss. He was assisted by W. B. Varnum and the writer (Arthur J. Roy) in alternate weeks. The assistant made the circle readings, occasionally including readings for fundamental stars on more than one graduation to determine the runs of the four microscopes. For the day-time observations and for two series when both assistants were indisposed, Dr. Boss himself read the circles.

#### COLLIMATION.

The collimation was usually determined by reversal over a basin of mercury. As an independent check, 17 determinations were made by reversal on polar stars, but (excepting one week to be mentioned presently) no deviations worth considering were found. Five determinations were made by opposing collimators. Although the objectives of the collimators are comparatively small, the results agreed closely. As the electric current for illuminating the mire was lacking, no regular use could be made of it, but on windless days a pencil mark on the mire building served admirably as a mire mark and readings upon it were made at the same time as on the nadir, but only enough to show that there was no appreciable difference.

From January 1896 to April 1897, the collimation was determined only 8 times, but as these results were brought into accordance by the application of the previously determined temperature coefficient they were considered adequate. With the broadening of the work, more consideration was given to this constant, so that 50 determinations were made between April 22 and October 23, 1897. Unfortunately the frequent changes of threads divided these into four groups, but thorough discussion yielded a temperature coefficient of  $-0.0040$  per degree centigrade ( $+0.0040$  clamp west), exactly the same as found at the old observatory. Twenty determinations in the next 18 months gave  $-0.0039$ , and the result from the extreme temperatures was  $-0.0042$ . The discussion of the 50 determinations showed a probable error of each of  $\pm 0.009$ , while without the temperature coefficient it would have been not less than  $\pm 0.017$ .



The misfortunes previously mentioned necessitated disturbing the collimation twice in August 1897, on the 21st and 31st. In the short interval between, 5 determinations of the collimation were made by reversal on Polaris, indicating the following corrections respectively to the simultaneous results from the nadir:  $-0.059$ ,  $-0.057$ ,  $-0.054$ ,  $-0.063$ ,  $-0.052$ . The results from Polaris were used during this short period. The other 11 simultaneous determinations indicated the correction to the nadir result to be  $-0.006$ , but as the average difference was  $0.018$ , it was considered negligible.

After July 1898, the work again became purely differential and less attention was given to the collimation, but the 7 determinations after April 26, 1899, gave some little indication that the temperature coefficient had decreased, though the evidence was insufficient to lead to serious thought of a change. Except for a few test reductions, no application of the collimation was made until after the work was completed; and it became the practice, having determined the mean collimation at  $0^{\circ}$  C. for each period, to reduce it to the mean temperature of each sub-series of observations for application. A series consisted of all the observations taken any astronomical day and was frequently subdivided into afternoon, evening, and morning observations.

#### LEVEL.

Although all the observations were reduced by Bessel's formula ( $m + n \cdot \tan \delta$ ), the level was determined regularly. From January 10 to April 16, 1896, it was determined solely by means of the hanging level, but thereafter this method was almost entirely replaced by the use of the mercury basin at the nadir. The usual practice was to read the nadir at or near the beginning and end of each series. During the broader fundamental work each sub-series had one or more readings, and these were extensively supplemented by the frequent readings for collimation. The level was computed whenever there was available material and a tabulation made, that the movements of the instrument might be closely studied. During 1896 there was a well-marked progressive change which seemed to follow the change of seasons, and the decided modification of this seasonal change in the following years was attributed to the installation of a new sub-surface drain of the park system in the immediate neighborhood of the instrument. Various researches were made, but no anomalies that could appreciably affect the observations were discovered. The only peculiarity that attracted attention was found in the search for a diurnal change.

On the assumption of a diurnal effect, the longer series were examined for systematic change in the level. Considering only those series (or sub-series) which were 4 to 6 hours in length and which were taken at the usual time of night, comparisons were made between the first and last determinations. The results are exhibited in the following table, in which  $\Delta \frac{m}{2}$  represents the mean and average change in the divergence of the central thread from the vertical and  $\Delta b$  represents the similar change of the level.



	$\Delta \frac{m}{2}$	$\Delta b$	No.
May 1896 to Apr. 1897, mean change clamp east.....	+0.008	+0.025	57
average change clamp east...	$\pm 0.034$	$\pm 0.039$	
May 1897 to June 1898, mean change clamp east.....	-0.003	+0.015	52
average change clamp east...	$\pm 0.018$	$\pm 0.022$	
mean change clamp west....	+0.011	-0.006	40
average change clamp west..	$\pm 0.018$	$\pm 0.016$	
mean of east and -west.....	-0.006	+0.011	92
average east and -west.....	$\pm 0.018$	$\pm 0.019$	
Sept. 1898 to Apr. 1899, mean change clamp east.....	-0.003	+0.007	32
average change clamp east...	$\pm 0.013$	$\pm 0.017$	

The mean change of  $\Delta \frac{m}{2}$  is so small compared with the average change that it is insignificant, unless it be the contrast of the two clamps in the second period. As  $b$  is derived directly from  $\frac{m}{2}$  by the application of collimation,  $\Delta b$  differs from  $\Delta \frac{m}{2}$  only through the change in collimation due to temperature. If the temperature effect on the collimation was not so well established, these results might raise a question as to its reality. The conclusions were reached that there was nothing surely systematic which could be corrected and that precautions (such as reversals) should be taken to eliminate possible effects.

#### POLAR DEVIATION.

An account of the preliminary fundamental reductions is given in the *Astronomical Journal*, No. 499 (*Meridian Observations at Albany in 1897-8 and their Relation to Systems of Standard Stars*), under date of 1901, June 5. The conclusions there reached are virtually the same as those adopted two years later and, as strenuous efforts were then being made to obtain the best possible system of standard stars, the matter was given very specific attention from many points of view. The right-ascensions of polar stars there given differ but little from the final results contained in this catalogue, and upon these were founded the reductions of all the observations. While the preliminary comparisons were made with the systems of Newcomb and Auwers, the final discussion was based on the system then about to be published, "*Catalogue of 627 Principal Standard Stars.*"

The polar deviation,  $n$ , of the instrument during 1897-8 was ascertained as far as practicable directly from Polaris. At a favorable season both culminations were observed to obtain an independent right-ascension of Polaris and an  $n$  independent of the adopted right-ascension. A special effort was made to observe other polar stars on the same nights, and these were supplemented by comparisons with Polaris on other nights. Comparisons were made clamp east and clamp west as well as above and below pole. From these differences, systematic corrections were deduced to reduce to a homogeneous system any observations from which systematic errors had not been eliminated. A large part of the differences between the two positions, as well as the differences from the standard catalogue, was undoubtedly due to the undetermined effect of irregularities of the pivots. With the corrections determined during 1897-8 polar deviations for the preceding and



following years were obtained free from a difference depending upon upper or lower culmination. The final corrections,  $\Delta a_s$ , to the Albany observations adopted September 1902 are exhibited below. As all observed differences were multiplied by  $\cos \delta$ , preliminary to determination of a curve, the result is given in that form as well as in the form for application.

The precision attained in determining  $n$  is indicated by the separate determinations on the same night. At the outset, the observations were intended to be entirely differential and very little stress was laid upon the observations of polar stars. In fact, for some months it was the practice to observe but one polar star with each series, and any almanac star within  $20^\circ$  of the pole was considered adequate. Later, when two were taken regularly, they were, as far as possible, the first and last observations of the series; and the mean difference, second minus first, was  $+0.011$  from 33 series. The average difference was  $\pm 0.040$ , which indicates the probable error of a single determination to be  $\pm 0.024$ . It is interesting to note that had the collimation been varied strictly with the temperature, the mean change would have been closely zero.

$\delta$	$\Delta a_s \cos \delta$	$\Delta a_s$	$\delta$	$\Delta a_s \cos \delta$	$\Delta a_s$
$+90^\circ$	$+0.0090$	$+0.0090 \cdot \sec \delta$	$+15^\circ$	$+0.0012$	$+0.001$
$+85$	$+0.0090$		$+10$	$-0.0038$	$-0.004$
$+80$	$+0.0090$		$+5$	$-0.0071$	$-0.007$
$+75$	$+0.0090$		$0$	$-0.0094$	$-0.009$
$+70$	$+0.0100$	$+0.035$	$-5$	$-0.0109$	$-0.011$
		$+0.029$			
$+65$	$+0.0112$	$+0.026$	$-10$	$-0.0142$	$-0.014$
$+60$	$+0.0133$	$+0.027$	$-15$	$-0.0204$	$-0.021$
$+55$	$+0.0160$	$+0.028$	$-20$	$-0.0274$	$-0.029$
$+50$	$+0.0201$	$+0.031$	$-25$	$-0.0300$	$-0.033$
$+45$	$+0.0266$	$+0.038$	$-30$	$-0.0298$	$-0.034$
$+40$	$+0.0321$	$+0.042$	$-35$	$-0.0262$	$-0.032$
$+35$	$+0.0320$	$+0.039$	$-40$	$-0.0220$	$-0.029$
$+30$	$+0.0264$	$+0.030$			
$+25$	$+0.0168$	$+0.019$			
$+20$	$+0.0078$	$+0.008$			

In the next period, 1897-8, a strong effort was made to found the work upon well-determined polar stars and the resulting differences are notably less. Although the intervals between the two determinations were somewhat longer, the average difference from 74 comparisons was but  $\pm 0.025$ , indicating a probable error of each of  $\pm 0.015$  and a mean change of only  $-0.002$ , but the effect of temperature upon the collimation was included wherever appreciable. A well-marked movement of the instrument is indicated in the following summary of the values of  $n$  from Polaris alone.



Date.	<i>n</i>	No.	Date.	<i>n</i>	No.
1897 May...	+0 <sup>h</sup> .122	9	1897 Dec....	+0 <sup>h</sup> .417	4
June...	-0.046	16	1898 Jan....	+0.412	7
July...	-0.167	8	Feb....	+0.502	4
Aug...	-0.251	14	Mar....	+0.439	4
Sept...	-0.064	10	Apr....	+0.411	7
Oct....	+0.043	13	May....	+0.194	4
Nov...	+0.271	6	June....	+0.003	2

## CLOCK CORRECTIONS.

As stated in *Astronomical Journal* No. 499, for the determination of the clock correction 66 stars were selected, from  $\alpha$  Lyrae on the north to  $\alpha$  Columbae on the south. The preliminary positions were obtained by taking the mean of the latest catalogues of Auwers and Newcomb, +0<sup>h</sup>.029 having first been added to the former to reduce it to the equinox of the latter. That stars of various declinations might indicate the same clock corrections, the corrections exhibited in column I of the accompanying table were applied to these means. For comparison, the final systematic corrections to the observed places are given in column II. That the mean of these two corrections is not zero is due in part to the further discussion of the Albany results and in part to the production of the new system: "627 Principal Standard Stars."

Although a different fundamental system was adopted, column II strikingly resembles the corrections used in the reduction of the Albany *Astronomische Gesellschaft* Zone, as given on page (12) of the introduction to that catalogue.

$\delta$	I	II
+40°	-0 <sup>h</sup> .062	+0 <sup>h</sup> .042
+30	-0.047	+0.030
+20	-0.028	+0.008
+10	0.000	-0.004
0	+0.008	-0.009
-10	+0.015	-0.014
-20	+0.037	-0.029
-30	+0.060	-0.034

The clock rates were obtained for the fundamental discussion entirely by comparison of the clock corrections in the different series, and it frequently happened that the interval was 48 or 72 hours and occasionally greater; but some isolated series were not included and several broken series served only to determine the clock rate for an adjacent series. No tendency worth recognizing was revealed by comparing these independent rates with the final differential rates obtained by least-squares solutions of the material within each series. Where the latter were weak, particularly through interruption by clouds, the former were given consideration in adopting a final value.

The above method, as followed for the semi-fundamental period 1897-8, in which the primary time stars were used and supplemented in the differential reduction by the "500 stars" in the zone, was modified in the preceding and following periods by determining the clock correction entirely from stars within the zone.



## MAGNITUDE EQUATION.

A discussion of the magnitude equation has already been published. (See *Astronomical Journal* No. 516, *Personal Equation Relative to Stellar Magnitude for Albany Observations*). Subsequent study of the material revealed certain anomalies, but did not lead to any other conclusion. By arranging the material according to groups of threads over which the transits were taken, the importance of the precaution to eliminate thread intervals was made manifest.

The effect of the screen on the time of transit, as indicated by observations with the various combinations of threads, was as follows:

	P	bright	with	M	screened	-0.0440	74	observations.
	P	"	"	F	"	-0.0608	16	"
	M	"	"	F	"	-0.0470	18	"
Mean first	"	"	second	"	"	-0.0470	108	"
<hr/>								
	M	"	"	P	"	-0.0246	74	"
	F	"	"	P	"	-0.0250	18	"
	F	"	"	M	"	-0.0256	19	"
Mean second	"	"	first	"	"	-0.0248	111	"
<hr/>								
Mean of all.....						-0.0358	219	observations.

It is hardly credible that this anomaly, varying as the bright precedes or follows the faint part of the observation, is due to a real change of thread intervals; on the contrary, there is direct evidence that it is not. The intervals of the P set were the same as had been in use since October 1897. There was scanty contemporaneous material for determining the intervals, but 45 transits correct the adopted reduction of the P set,  $-0.0024 \pm 0.0020$ , and the insertion of this correction would have increased the anomaly shown above. The 38 observations of April 5 and April 10, all dependent on the F set, were likewise reduced with the old intervals, and accord with those taken later. Immediately following, a new F' set was inserted and the intervals were ascertained from material contemporaneous with the screen observations. It was surmised that the anomaly was really a temporary change in the personal equation due to the sudden change from a bright to a faint star or from faint to bright, and that the normal equation was restored while the eye was being used to point the telescope at another star. This restoration may have been gradually made during the latter part of the transit, but this was too slight to appear in comparing the M and F sets following a screened P set.

In the following table the observed effect of the screen is arranged in the order of the estimated brightness of the stars as seen through the screen and divided at declination  $-27^\circ$ . The first part, "Observed," gives the direct means of all of the observations indicated; but as the material within these small groups was not so arranged as to eliminate suspected sources of error, this was modified in the part "Corrected" by adding  $+0.011$  (the amount of the anomaly just shown) to each residual when the star was observed bright before screened, and  $-0.011$  when in the reverse order. The final column, "Mean per magnitude," was derived from the corrected residuals on the assumption of a variable absorption. This differs but



little from the table given on page 99 of *Astronomical Journal* No. 516, except at magnitude 8.1, where a material error was found in the original computation. Various solutions were attempted, but none that was plausible indicated a correction at any magnitude differing from the adopted by more than  $\pm 0.005$ . The correction as applied was:

$$-0.0066 - 0.0132 (M-4) - 0.00019 (M-4)^2$$

so that the zero of reference was  $3^m.5$ .

Mag.	Observed.				Corrected.		
	N of $-27^\circ$	Obs.	S of $-27^\circ$	Obs.	N of $-27^\circ$	S of $-27^\circ$	Mean per magnitude.
5.0	-0.054	7	-0.030	5	-0.060	-0.034	-0.017
6.2	-0.041	17	-0.029	15	-0.047	-0.038	-0.014
6.9	-0.040	3	-0.015	7	-0.040	-0.020	-0.009
7.3	-0.049	3	-0.011	3	-0.056	-0.022	-0.014
7.7	-0.052	7	-0.055	5	-0.057	-0.053	-0.020
8.1	-0.020	13	-0.031	9	-0.022	-0.027	-0.009
8.4	-0.036	18	-0.043	15	-0.042	-0.047	-0.017
8.7	-0.030	42	-0.046	15	-0.029	-0.044	-0.013
9.0	-0.032	18	-0.043	17	-0.028	-0.041	-0.014

In the first preliminary reductions the magnitude corrections were omitted, and then deduced by a comparison with the standard catalogue, whence was found  $-0.00697 (M-4) - 0.001212 (M-4)^2$ . It was assumed, in the absence of any deduced evidence, that the day-time correction was zero, but this seemed to do violence to the observations of the brightest stars, and in the subsequent revisions the corrections were made uniform.

In the published article it was pointed out that the uncertainties of screen absorption and observer's magnitude scale could have very little effect on the general conclusions. After the catalogue was prepared for the printer, a comparison was made with the Revised Harvard Photometry with the result shown herewith in the sense Albany-Harvard with Albany as the argu-

Mag.	$\Delta M.$	No. of stars.
6 <sup>m</sup> .0 to 6 <sup>m</sup> .9	-0 <sup>m</sup> .08	225
7.0 " 7.4	+0.06	225
7.5 " 7.9	+0.24	225
8.0 " 8.4	+0.35	225
8.5 " 8.9	+0.13	132
9.0 and ftr.	-0.07	73

ment. It is to be remembered that about half of the catalogue is at a zenith distance exceeding  $72^\circ.5$ , while only one-seventh of the stars involved in the preceding discussion were beyond that unfavorable zenith distance.

#### PROBABLE ERROR.

On page 146 of *Astronomical Journal* No. 499 it is stated: "From observations north of  $-21^\circ$  the casual probable error of a single right-ascension is found to be  $\pm 0.027$ .sec  $\delta$ ; and from those south of  $-21^\circ$  it is  $\pm 0.031$ .sec  $\delta$ "; and on page 148: "The casual probable error of a single observation for stars north of  $-20^\circ$  is  $\pm 0".31$ ; for  $-25^\circ$   $\pm 0".44$ ; and at  $-40^\circ$  it is  $\pm 1".33$ ." Using  $\pm 0.020$  and  $\pm 0".30$  as the probable errors of the units of weight, the corresponding weights are 0.55, and 0.42 in right-ascension; 0.94, 0.46, and 0.05 in declination. From further



discussion, conclusions were reached and exhibited in the tables given on pages 344-345 of the Preliminary General Catalogue. As those discussions have to do solely with the 500 secondary standard stars which average much brighter than the catalogue as a whole, a further investigation was made after the catalogue was ready for the printer. Differences between the first and second observations of each star were grouped together for zones 3 degrees in width from  $-21^{\circ}$  to  $-39^{\circ}$ . The first ten stars of each zone, in each hour, were taken indiscriminately, except that the cases of unusual discordance for which the separate results are given in the footnotes were excluded, as were also a very few where the star as seen through clouds appeared to be of about the tenth magnitude. The material was first collected in 4-hour groups, but as no trace of variation with the seasons was found it was combined, yielding the indicated differential probable errors as shown in the following table under the captions I and III. For comparison, the probable errors corresponding to the weights given in the Preliminary General Catalogue are shown under II and IV.

	I	II	III	IV
$-21^{\circ}$ to $-24^{\circ}$	$\pm .0231 \text{ .sec } \delta$		$\pm 0''.41$	$\pm 0''.45$
$-24$ " $-27$	$\pm .0209 \text{ .sec } \delta$	$\pm .024 \text{ .sec } \delta$	$\pm 0''.48$	$\pm 0''.49$
$-27$ " $-30$	$\pm .0238 \text{ .sec } \delta$		$\pm 0''.49$	$\pm 0''.54$
$-30$ " $-33$	$\pm .0255 \text{ .sec } \delta$	$\pm .026 \text{ .sec } \delta$	$\pm 0''.62$	$\pm 0''.62$
$-33$ " $-36$	$\pm .0262 \text{ .sec } \delta$	$\pm .031 \text{ .sec } \delta$	$\pm 0''.76$	$\pm 0''.75$
$-36$ " $-39$	$\pm .0315 \text{ .sec } \delta$	$\pm .037 \text{ .sec } \delta$	$\pm 0''.90$	$\pm 1.00$

The mean of the southernmost group is about  $-37^{\circ}$ . Although the differential comparison is based largely upon faint stars, an appreciable improvement is shown in right-ascension. In declination, also, there is an improvement in the northern part of the zone, but it is not maintained beyond  $77.5$  of zenith distance. In the Preliminary General Catalogue the weight for one observation of declination reduces very uniformly from  $0.48$  at  $-21^{\circ}$ , to  $0.00$  at  $-41.5$ . The indicated differential weight similarly is well represented by a uniform variation from  $0.57$  at  $-21^{\circ}$  to  $0.00$  at  $-40^{\circ}$ .

#### ZENITH DISTANCES.

The summary of results in Astronomical Journal No. 499 gives the relation between the adopted fundamental system and the semi-fundamental results of the Albany observations. That discussion served as a basis for the reduction of the whole series.

The zenith distances, as recorded currently, consisted of the degrees (necessarily taken from the observing list), the minutes of the graduation on which the readings were made, the revolution of the initial microscope, and the readings of the four microscopes. Occasionally readings were made on two divisions to determine the runs of the microscopes. The effect of eccentricity made a variation, differentially, of less than  $10''$  in the readings of the microscopes, and they were kept in such good adjustment that there was no appreciable loss in accuracy in applying the mean of the runs to the mean reading. The means of the readings were entered in the record books, and with each the correction for division error and runs. As the readings were transcribed upon computation sheets, these corrections were added



and the minutes were interpreted to correspond with the revolutions. Further corrections were here successively entered.

The errors of division and flexure are to be found in *Astronomical Journals* Nos. 382, 383, and 401.

The circle and telescope flexures as combined were

$$\text{For circle A, } -0''.31 \cdot \sin z + 0''.64 \cdot \cos z + 1''.16 \cdot \sin z + 1''.00$$

$$\text{For circle B, } -0''.67 \cdot \sin z + 0''.46 \cdot \cos z + 1''.16 \cdot \sin z + 1''.00$$

the constant being included to render the correction always positive.

For the preliminary discussion, the correction indicated by the nadir readings was used, and the latitudes thus derived were reconciled by means of Chandler's variation. The reduction to mean place was computed with the constants of Struve and Peters as given in the *American Ephemeris and Nautical Almanac*. The reduction to 1900.0 was made with Struve's precession.

Inasmuch as the point of transit of each star across the slightly inclined zenith-distance wire was noted as occurring at the transit thread nearest which it was estimated to occur, the curvature correction was computed and tabulated, together with the correction for inclination of the wire, for each thread, at each degree of zenith distance from  $63^\circ$  to  $85^\circ$  south,  $5''$  being added to render all positive.

The refractions were computed with the aid of the Pulkova tables. It was found necessary to multiply them by 1.00374 to reconcile the semi-fundamental observations of 1897-8; but it was ascertained later that of this factor 0.00300 was due to an error in the barometer, the indicated factor for the table really being 1.00074. Inasmuch as the polar and sub-polar observations were comparatively few, the predominating weight for the refraction discussion was obtained from southern stars, and therefore the result has trifling or no fundamental significance. It is to be noted, however, that a further increase in the refraction factor would secure a better agreement between the few above and below pole observations.

After the general discussion to determine the normal factor of the refraction, each series was considered by itself, and wherever there was sufficient evidence a special factor was adopted. The daytime series and short series in general which lacked sufficient material for a special discussion were reduced with the normal factor. In a very few cases the factor was assumed to vary with the time.

#### COLLATION AND REVISION.

The right-ascensions of the primary fundamentals were reduced to 1900.0 by means of Struve's precession taken from the general card catalogue. For the miscellaneous stars the precession in right-ascension was computed for each observation, a first approximation to obtain the argument for 1900.0 being made with the aid of Gould's tables, appendix to the Cordoba zones. After the observations were collected upon cards, thorough checks were applied to eliminate errors greater than two units in the last decimal place. The reductions for the declinations were tabulated for each year and the precession was computed after the collation.

For a final revision, extended comparisons were made between the observations of each of the 290 series and the results from the other series. There were many



series with a suggestion of systematic errors, but on evaluation a large percentage proved to be very slight and negligible. However, for 57 series a correction was adopted in right-ascension and for 70 series in declination. Of the corrections in right-ascension 37 were constants (clock correction); three varied with  $\tan \delta$ ; the others were combinations of clock error and rate. For many series the correction in declination might be either a constant or a modification of the refraction (tangent term), but in general the former was adopted where the latter was not clearly indicated. For three series, the evidence seemed to justify a progressive tangent term.

A very conservative policy was followed in adopting systematic corrections to guard against a few abnormal discrepancies having too much influence. No correction of less than  $0.015$  or  $0.20''$  was adopted, and larger ones were rejected unless their application would reduce two-thirds of the residuals. The corrections as applied were usually about three-fourths the amount indicated.

### PROPER-MOTIONS.

The computation of proper-motions has followed the methods adopted for the Preliminary General Catalogue. Many of the stars appear in several catalogues, and the uncertainties are relatively small, even less than for the weaker stars of the Preliminary General Catalogue; but for many others it was necessary to utilize such authorities as the Cordoba, Washington, and Argelander Southern Zones. Inasmuch as new material will soon be available, many of the stars being on the San Luis and Cordoba programs, it was deemed inadvisable at this time to make a definitive discussion; but a summary investigation of probable errors formed a basis for assigning weights to the various zones used. The normal magnitude correction was adopted and the other corrections were assumed to be negligible, except that for the Cordoba Zones the corrections of the General Catalogue were adopted. It should be noted that although the computations were made with Struve's precession, these proper-motions have been reduced to the basis of Newcomb's precession to be consistent with the Preliminary General Catalogue.

### OBSERVATIONS BY ARTHUR J. ROY.

The second part of the catalogue (8277 to 11076) was observed by the writer. This part of the program was undertaken to acquire a thorough training in manipulating the Meridian Circle. The major part of the observing list consisted of the stars between  $-2^\circ$  and  $+1^\circ$  of the Astronomische Gesellschaft program, which had few or no observations before 1875 for comparison with the observations at Nicolaief to determine the proper-motions. Inasmuch as many catalogues of faint stars contain little or no material from which their systematic corrections can be determined, all stars given as 7<sup>m</sup> or brighter in Bonner Durchmusterung were included to anticipate that weakness.

The methods of observing as evolved in the preceding years were closely followed, except that there was no assistant to read the circle. All the observations were taken on Circle A with clamp east.



The large clock-star list comprised all the Berliner Jahrbuch stars between  $\alpha$  Tauri on the north and  $\beta$  Ceti on the south (including the 303 stars) and Newcomb's Standard Clock and Zodiacal Stars. There were 316 stars, but only 224 were actually used, and 51 of these were used but once. It is to be noted that the program was made up of neglected stars the predominant cause of whose neglect is due to their proximity to fundamental stars. In order to observe these neglected stars, many of the fundamental stars could be observed only infrequently.

The full description of instrumental constants has been given. Briefly, it is that the collimation was determined by Lewis Boss alone, usually by reversal on the basin of mercury at the nadir; the level entirely from observation at the nadir corrected for collimation; and the azimuth from one circumpolar star within  $20^\circ$  of the pole, either at the beginning or at the end of the series, which seemed sufficient for a narrow zone. The clock stars were taken throughout each series with more or less of a group near beginning and end. The clock rate was found by least-squares solution from each series, but this was frequently modified by comparison with the clock error of an adjacent series, particularly when clouds intervened. The adopted magnitude correction,  $-0.0020$  ( $M - 3.5$ ), was determined by the use of a wire screen.

$\delta$	Obs.	$\Delta a_\delta$	Adopted.	$\delta$	Obs.	$\Delta a_\delta$	Adopted.
$+15^\circ$	12	$+0.031$	$+0.020$	$-3^\circ$	80	$-0.006$	$-0.003$
$+12$	10	$+0.017$	$+0.015$	$-6$	73	$-0.005$	$-0.005$
$+9$	41	$+0.017$	$+0.010$	$-9$	47	$-0.006$	$-0.006$
$+6$	61	$+0.006$	$+0.006$	$-12$	25	$-0.006$	$-0.007$
$+3$	62	$+0.002$	$+0.002$	$-14$	16	$-0.008$	$-0.008$
0	96	$-0.002$	$-0.001$	$-19$	2	$-0.030$	$-0.008$

After the preliminary clock corrections were deduced, those nights with 8 or more clock stars properly distributed were examined for systematic differences depending upon the declination. The result of the comparison is shown in the above table under the caption  $\Delta a_\delta$ , which is the indicated mean correction for each group to bring the observations into harmony with the new system of right-ascensions and to provide consistent clock corrections from stars of various declinations. The corrections derived from a curve drawn through these means, as shown under caption "Adopted," were applied to all the observations.

The magnitude correction of the clock stars (whose mean magnitude is  $4^m.56$ ) was derived from a treatment of the residuals of those nights on which there was sufficient range of magnitude. After the application of  $\Delta a_\delta$  the outstanding residuals were collected according to magnitude, with the accompanying result, which confirms the magnitude correction as previously applied from screen observations.

Mag.	Obs.	$\Delta a_M$
$2^m.7$	71	$-0.0006$
4.0	128	$-0.0053$
5.0	142	$+0.0058$
6.0	84	$-0.0020$
6.8	37	$+0.0043$



In deriving the declinations from the zenith distances, all known corrections were applied to the circle readings, including runs, division correction, flexure, curvature of path, inclination of wire, and Pulkova refractions, the latter being multiplied by 1.00374, which is the correction to the Pulkova tables (including erroneous barometer) found by Lewis Boss.

Although some of it might properly have been excluded, all material for equator points was discussed for  $\Delta\delta_\delta$ . The results as collected are shown in the following:

$\delta$	Stars.	Wt.	$\Delta\delta_\delta$	$\delta$	Stars.	Wt.	$\Delta\delta_\delta$
+16.3	1	1	-0.30	- 2.9	12	33	-0.10
+15.3	2	7	+0.32	- 3.8	13	46	-0.09
+14.6	4	8	+0.12	- 4.6	4	20	-0.03
+12.5	4	6	+0.24	- 5.2	11	37	+0.15
+11.2	5	7	+0.31	- 6.1	5	15	+0.01
+10.3	3	13	-0.14	- 7.0	11	28	+0.24
+ 9.5	7	23	+0.31	- 8.2	13	27	0.00
+ 8.4	7	15	-0.09	- 9.2	9	18	+0.07
+ 7.0	6	17	-0.15	- 9.8	6	14	-0.18
+ 6.3	5	17	-0.28	-10.6	7	13	+0.01
+ 5.6	4	14	+0.23	-11.9	6	11	-0.09
+ 4.8	5	26	-0.17	-12.8	5	9	-0.04
+ 3.9	7	25	-0.03	-13.9	7	17	-0.10
+ 2.9	8	25	+0.08	-14.5	4	3	-0.25
+ 2.2	7	20	+0.13	-18.5	1	1	-0.13
+ 0.9	8	30	-0.03	-19.5	1	1	-0.13
- 0.4	14	61	-0.12				
- 1.6	12	55	-0.15				

While these residuals involve the outstanding uncertainties of the star positions, division corrections, observations, and even the refraction factor, the evidence seemed to justify a conservative systematic correction as shown below, which was applied to all zenith distances:

$\delta$	$\Delta\delta_\delta$	$\delta$	$\Delta\delta_\delta$	$\delta$	$\Delta\delta_\delta$	$\delta$	$\Delta\delta_\delta$
+15°	+0.22	+6°	-0.14	- 3°	-0.11	-12°	-0.10
+14	+0.22	+5	-0.12	- 4	-0.05	-13	-0.10
+13	+0.22	+4	-0.05	- 5	+0.04	-14	-0.10
+12	+0.22	+3	+0.04	- 6	+0.12	-15	-0.10
+11	+0.18	+2	+0.06	- 7	+0.14	-16	-0.10
+10	+0.14	+1	0.00	- 8	+0.13	-17	-0.10
+ 9	+0.05	0	-0.08	- 9	+0.06	-18	-0.10
+ 8	-0.06	-1	-0.12	-10	-0.03	-19	-0.10
+ 7	-0.13	-2	-0.13	-11	-0.08	-20	-0.10



The observations were reduced to 1900 by means of Struve's precession, and after collation, interzonal comparisons were made, and pronounced evidence was found indicating that during the earlier series, before the observer had acquired a fixed personal equation, the magnitude effect was much larger than later; the indicated corrections to the first 9 series were, respectively,

$-0^{\circ}.043$   $-0^{\circ}.063$   $-0^{\circ}.014$   $-0^{\circ}.022$   $-0^{\circ}.031$   $-0^{\circ}.026$   $-0^{\circ}.032$   $-0^{\circ}.041$   $-0^{\circ}.060$

while for the other 89 series only four exceeded  $\pm 0^{\circ}.025$ .

The few proper-motions given for this section were all previously known, but are now more precisely deduced than was heretofore possible. Several new proper-motions have already been published in *Astronomical Journal* No. 632, but are not repeated here.

In the general investigation for abnormal errors, etc., through which a few  $5''$  and  $10''$  errors in readings of single microscopes were discovered, the differences between pairs of observations were grouped in various ways. In the few cases of three or more observations, the difference between the first pair was used. The tabulation below is self-explanatory.

Limiting magnitudes.	Mean magnitude.	No. of stars.	Probable errors.	
			R. A.	Decl.
4.0 to 7.5	6.2	223	$\pm 0^{\circ}.022$	$\pm 0^{\circ}.27$
7.6 " 9.1	8.9	1126	$\pm 0^{\circ}.025$	$\pm 0^{\circ}.31$
9.2 " 9.4	9.3	1142	$\pm 0^{\circ}.023$	$\pm 0^{\circ}.31$
9.5 " 10	9.6	292	$\pm 0^{\circ}.026$	$\pm 0^{\circ}.35$

Hour.	Stars.	Probable errors.		Hour.	Stars.	Probable errors.	
		R. A.	Decl.			R. A.	Decl.
0	118	$\pm 0^{\circ}.025$	$\pm 0^{\circ}.29$	12	89	$\pm 0^{\circ}.023$	$\pm 0^{\circ}.30$
1	122	$\pm 0^{\circ}.022$	$\pm 0^{\circ}.34$	13	85	$\pm 0^{\circ}.023$	$\pm 0^{\circ}.36$
2	126	$\pm 0^{\circ}.025$	$\pm 0^{\circ}.29$	14	103	$\pm 0^{\circ}.020$	$\pm 0^{\circ}.32$
3	134	$\pm 0^{\circ}.025$	$\pm 0^{\circ}.31$	15	78	$\pm 0^{\circ}.023$	$\pm 0^{\circ}.29$
4	177	$\pm 0^{\circ}.028$	$\pm 0^{\circ}.32$	16	94	$\pm 0^{\circ}.022$	$\pm 0^{\circ}.28$
5	156	$\pm 0^{\circ}.026$	$\pm 0^{\circ}.35$	17	97	$\pm 0^{\circ}.020$	$\pm 0^{\circ}.26$
6	167	$\pm 0^{\circ}.028$	$\pm 0^{\circ}.34$	18	121	$\pm 0^{\circ}.023$	$\pm 0^{\circ}.30$
7	149	$\pm 0^{\circ}.026$	$\pm 0^{\circ}.33$	19	133	$\pm 0^{\circ}.024$	$\pm 0^{\circ}.31$
8	102	$\pm 0^{\circ}.025$	$\pm 0^{\circ}.34$	20	136	$\pm 0^{\circ}.020$	$\pm 0^{\circ}.28$
9	85	$\pm 0^{\circ}.020$	$\pm 0^{\circ}.29$	21	116	$\pm 0^{\circ}.025$	$\pm 0^{\circ}.28$
10	90	$\pm 0^{\circ}.025$	$\pm 0^{\circ}.38$	22	113	$\pm 0^{\circ}.025$	$\pm 0^{\circ}.24$
11	103	$\pm 0^{\circ}.023$	$\pm 0^{\circ}.35$	23	89	$\pm 0^{\circ}.025$	$\pm 0^{\circ}.26$

The means of all are  $\pm 0^{\circ}.024$  and  $\pm 0^{\circ}.31$ .

In the grouping by magnitudes, the expected increase of probable error with the faintness of the stars appears quite positively, although the number of stars



in the extreme groups is not sufficient to determine the increase very exactly. Also in the groups by right-ascension, the seasonal influence is partly masked by the overlapping of series taken at quite different temperatures. As a full series extended 5 hours, the mean date of observation of two consecutive stars might differ by two months. However, the evident increase of probable error in the winter months is not to be entirely attributed to greater clumsiness in the cold, but partly to fogging of the eye-piece from the observer in a more or less awkward position beneath it.

All discrepancies exceeding 4 times the general probable errors were thoroughly investigated and but few errors of reduction found. Where the discrepancy exceeded 4.4 times the probable error (0.15 and 1".9) the separate results are given in the footnotes. All of these were included in determining the probable error except one, No. 9060, which was rejected in declination.

## THE CATALOGUE.

For convenience, a brief description of the catalogue is given. It is divided into four parts, each part arranged in order of right-ascension, and the whole numbered consecutively. The 8276 stars of the first part lie entirely south of  $-20^\circ$  of declination. They comprise the original program and the subsequent additions to the same zone, all observed by Lewis Boss. In the second part, observed by the writer, there are 2800 stars, lying between  $+1^\circ$  and  $-2^\circ$  (1855). The third part, consisting of 272 stars, observed by Lewis Boss, contains stars north of  $-20^\circ$ . Aside from a few comet comparison stars, etc., it is exclusively composed of the fundamental foundation for connecting the standard system of clock and polar stars with the southern zone contained in the first part. The fourth part, 22 stars, contains the few observations by the writer outside of the zone in the second part. These are largely comparison stars for Comet 1894 II, observed at the request of Professor Henry A. Peck.

### PART I.

*No.*—The first column gives the current number of the star in order of right-ascension.

*Name.*—The second column gives some convenient name. The first preference was given to names adopted in the Preliminary General Catalogue, which comprises all down to the sixth magnitude and many fainter. The next preference was the current number in the Cordoba zones, nearly all being contained therein. The hour can readily be inferred. The few remaining were taken from the Cordoba General Catalogue (G. C.) or any other convenient catalogue which happened to contain them. Incidentally, many of these names were verified, but the transcribing from original sources was never systematically checked.

*Mag.*—As a rule the magnitude of each star was estimated during the observation. Naturally, at so great a zenith distance the probable error of the estimates was quite large and increased rapidly with the brightness of the star above the seventh magnitude. On fair and good nights the scale of magnitudes could readily



be adjusted approximately to the magnitude of the observing list, mainly quoted from The Argentine General Catalogue; but on poor nights—bad definition, hazy, or cloudy—an average scale was attempted, and the record was marked to indicate that the estimate was to be used only in the reduction. Magnitudes are quoted from the Harvard Photometry for all stars there given as 6.0 or brighter. For the other stars, means are taken of the separate estimates made under passably good conditions. In those cases where all the observations were taken under poor conditions the magnitudes are quoted from the Harvard Photometry, or the next best authority available. All quoted magnitudes are printed in italics. A comparison of the estimates with the Harvard Photometry is given in connection with the discussion of the effect of magnitude upon the time of transit.

*R. A. 1900.*—The right-ascensions are the simple means of the separate determinations after the application of corrections for clock error, collimation, level, azimuth, personal magnitude equation, correction to harmonize the two clamps, and the systematic correction to reduce to the system of "627 Standard Stars." The need of a separate systematic correction was attributed to the unmeasured pivot errors. No proper-motions were used in the reduction to 1900.0.

*Prec. and Sec. Var.*—The precessions were computed from the constants of Struve by the following formulæ:

$$\text{for R. A. } 3^{\circ}07272 + 1^{\circ}33680 \sin a \tan \delta$$

$$\text{for declination } 20^{\circ}05207 \cos a.$$

The computations for right-ascension were made for each observation (except for some standard stars), but after collation and eradication of numerous discrepancies, all that could not be conveniently checked by comparison with some published catalogue were recomputed. While there are probably few errors of a full unit in the last decimal place printed, the aim was only to guarantee that none should exceed two full units. For declination the precessions were interpolated from a table after collation of the observations. The secular variations were interpolated from a table used in the preparation of the Preliminary General Catalogue based upon Newcomb's constants. For these moderate declinations, the Peters-Struve secular variations would differ inappreciably. All terms depending upon proper-motion were omitted.

*Decl. 1900.*—The declinations are the simple means of the separate determinations after the application of all known corrections, including division correction, runs of microscopes, telescope and circle flexure, inclination of zenith-distance thread, curvature of path, Pulkova refractions with a general factor to adapt to Albany conditions, and special factors for several series, and finally, conservative corrections in the form of a constant plus a term varying with the tangent of the zenith distance to remove part of the outstanding differences between certain series and the work as a whole.

*Epoch.*—The mean epoch of observation is usually coincident for right-ascension and declination, but where individual observations are incomplete two epochs are given if necessary. Whenever the epoch antedates 96.0, one or more of the observations was made before the removal of the instrument from the old site.



Upwards of 800 of these observations were made during the last quarter of 1891 and the first quarter of 1892.

*No. Obs.*—In general the number of observations is two, but for various reasons it was frequently increased. Some stars were of special interest because of large proper-motions and others were observed under poor conditions and were marked for further consideration. The supplementary standards within the zone were intended to have at least eight during 1897–8, two in each of the four positions. In the years preceding and following, these served as fundamentals and the observations are not included in the catalogue. In several instances (*e. g.*, No. 71), neighboring stars were observed on one night only; in other instances, through some mistake, wrong stars were taken and the mistake was not discovered until the completion of the reductions years later. This might leave both stars with a single observation each.

*Notes.*—The notes at the bottom of the pages, and referred to by an asterisk after the star's name, are not very copious, many being excluded that were neither vital nor useful. Many companions were noted at the time of observation, but these notes were usually suppressed if the distance exceeded 60" or if there was a decided difference in brightness. The estimates of position-angle and distance naturally lack the precision of direct measures, and differences of right-ascension and declination are quite uncertain, as the difference in R. A. may have been obtained by a chronographic comparison on a single thread. It was the aim to give sufficient information to positively identify conspicuous companions and to leave no doubt as to which of a pair was observed.

All the conspicuous discordances between observations have been included in the notes by giving the separate observations. No rigorous limit was adopted for inclusion, but in general it depended upon the probable error of an observation at the particular zenith distance. Other classes of notes need no explanation.

## PART II.

*No.*—The numbers are continued currently from Part I.

*Name.*—For a name, the Bonner Durchmusterung zone and number are given. In several cases where there are two stars near the Bonner Durchmusterung position, the name was assigned to both, although in the wider pairs it properly belongs only to the brighter.

*Mag.*—In the earlier series, magnitudes were noted only when the estimates differed materially from the Bonner Durchmusterung magnitude. Later, under suitable conditions, all fainter than about the eighth magnitude were noted. The means of these estimates are included in ordinary type. When the conditions were poor, the estimates served only for the reductions. The magnitudes printed in italics are quoted from the Harvard Photometry or the next best source, usually Bonner Durchmusterung.

For the remaining columns, the methods were essentially the same as for Part I, but it is to be remembered that the observations are strictly differential, all taken with Circle A, Clamp E.

## PART III.

While in general the methods for this part were strictly the same as for Part I, some differences are to be noted. The positions are the means of the separate determinations as reduced in the semi-fundamental manner, no differential corrections being applied to the separate series.

The right-ascension of Polaris was obtained from double transits, and from this the right-ascensions of the other principal circumpolars were derived. Footnotes contain references to each of these, and the epoch inclosed in brackets indicates that proper-motion was used in the reduction to 1900.

The results from sub-polar observations are also referred to in the footnotes.

## PART IV.

This part needs no explanation other than mention that special fundamentals were observed for reduction of the few stars outside the usual limits of observation.

## APPENDIX.

The proper-motions are in every way consistent with those in the Preliminary General Catalogue, except that where better material was lacking various zones were used without an examination of systematic errors.

*No.*, the first column, gives the number of the star corresponding to the numbers in Part I or Part II.

$\mu$  is the proper-motion in right-ascension.

*P. E. 100 $\mu$*  gives the probable error of centennial motion in right-ascension.

$\mu'$  is the proper-motion in declination.

*P. E. 100 $\mu'$*  represents the probable error of centennial motion in declination.

ARTHUR J. ROY.



ZONE  $-20^{\circ}$  TO  $-41^{\circ}$





No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	"	"	°	'	"	"	"		
1	CZ 1610	7.1	0	0	4.42	+3.0724-	.0175	-33	1	26.7	+20.052-	.009	97.7	2
2	CZ 1619	7.9	0	21.	32	+3.0711-	.0213	-37	51	33.3	+20.052-	.009	98.9	2
3	CZ 1629	8.0	0	48.	40	+3.0699-	.0160	-30	55	5.3	+20.052-	.010	95.2	3
4	CZ 1635	7.0	1	2.	72	+3.0693-	.0151	-29	42	30.3	+20.052-	.010	94.4	2
5	CZ 1637	8.1	1	8.	10	+3.0683-	.0177	-33	22	23.2	+20.052-	.011	97.0	2
6	CZ 6	7.5	1	33.	12	+3.0660-	.0202	-36	38	25.4	+20.052-	.012	97.7	2
7	CZ 8	6.0	1	43.	08	+3.0683-	.0111	-23	39	46.6	+20.052-	.012	95.2	3
8	CZ 19	8.2	2	1.	99	+3.0656-	.0160	-31	7	6.9	+20.051-	.012	97.8	2
9	CZ 26	8.5	2	14.	28	+3.0644-	.0170	-32	36	33.2	+20.051-	.013	96.8	2
10	CZ 27	6.6	2	14.	92	+3.0664-	.0124	-25	54	34.5	+20.051-	.013	97.8	8
11	CZ 33	8.6	2	24.	03	+3.0664-	.0115	-24	22	41.1	+20.051-	.013	96.9	4
12	GC 27	5.9	2	40.	26	+3.0661-	.0106	-23	3	52.4	+20.051-	.014	98.8	2
13	L 9735	5.7	2	58.	71	+3.0610-	.0180	-34	5	10.5	+20.050-	.014	97.8	2
14	CZ 51	8.2	3	12.	88	+3.0604-	.0174	-33	15	22.3	+20.050-	.015	96.8	2
15	CZ 53	7.4	3	21.	47	+3.0637-	.0116	-24	39	3.0	+20.050-	.015	94.9	4
16	CZ 57	9.0	3	33.	16	+3.0592-	.0172	-33	1	43.8	+20.050-	.016	97.8	2
17	CZ 58	7.9	3	41.	35	+3.0575-	.0189	-35	21	5.4	+20.050-	.016	97.8	2
18	CZ 63	7.0	3	47.	94	+3.0634-	.0104	-22	44	10.0	+20.049-	.016	98.8	2
19	A 14	7.0	3	53.	13	+3.0637-	.0098	-21	45	45.6	+20.049-	.016	98.8	2
20	CZ 69	7.8	3	57.	70	+3.0562-	.0191	-35	38	54.0	+20.049-	.016	97.8	2
21	Pi 285	5.5	4	15.	19	+3.0592-	.0140	-28	32	40.1	+20.049-	.017	98.8	2
22	CZ 99	9.0	4	46.	13	+3.0537-	.0180	-34	20	28.4	+20.048-	.018	96.8	2
23	CZ 103	7.2	4	53.	50	+3.0585-	.0126	-26	25	53.9	+20.048-	.018	98.8	2
24	CZ 119	7.6	5	33.	15	+3.0526-	.0161	-31	50	3.4	+20.046-	.019	97.8	2
25	CZ 123	7.5	5	41.	21	+3.0590-	.0101	-22	29	23.2	+20.046-	.020	96.8	2
26	CZ 125	7.5	5	42.	17	+3.0491-	.0187	-35	25	2.2	+20.046-	.020	97.8	2
27	CZ 137	8.4	6	15.	38	+3.0491-	.0168	-32	57	39.2	+20.045-	.021	98.4	2
28	CPD-35° 15	7.5	6	27.	59	+3.0463-	.0183	-35	0	59.4	+20.044-	.021	98.9	2
29	Pi 6	5.6	6	29.	82	+3.0523-	.0136	-28	21	24.0	+20.044-	.021	97.8	8
30	$\theta$ Sculptoris	5.2	6	39.	05	+3.0449-	.0188	-35	41	35.3	+20.044-	.022	97.8	8
31	CZ 167	7.8	7	32.	48	+3.0499-	.0130	-27	24	47.0	+20.041-	.023	$\left\{ \begin{smallmatrix} 94.9 \\ 94.4 \end{smallmatrix} \right\}$	5, 4
32	L 2	6.6	7	59.	12	+3.0529-	.0102	-23	1	37.3	+20.040-	.024	97.8	8
33	CZ 185	7.8	8	11.	19	+3.0485-	.0126	-26	52	53.2	+20.039-	.024	98.8	2
34	L 6	7.1	8	11.	42	+3.0349-	.0207	-38	22	44.6	+20.039-	.024	97.8	8
35	Lal 124	7.1	8	12.	88	+3.0542-	.0091	-21	10	34.6	+20.039-	.024	98.8	2
36	CZ 195	6.0	8	37.	79	+3.0476-	.0123	-26	34	34.6	+20.038-	.025	98.9	2
37	CZ 197	6.8	8	40.	03	+3.0505-	.0106	-23	46	7.8	+20.038-	.025	98.9	2
38	CZ 199	6.2	8	40.	33	+3.0471-	.0125	-26	50	29.5	+20.038-	.025	98.8	2
39	CZ 212	8.0	9	10.	47	+3.0333-	.0190	-36	21	48.5	+20.036-	.026	97.8	2
40	CZ 214	8.4	9	16.	56	+3.0439-	.0132	-28	4	59.6	+20.036-	.026	96.8	2
41	GC 132	6.8	9	16.	71	+3.0512-	.0093	-21	44	48.0	+20.036-	.027	98.8	2
42	CZ 217	9.0	9	19.	59	+3.0420-	.0141	-29	29	18.3	+20.035-	.026	95.2	3
43	CZ 232	8.0	9	50.	38	+3.0359-	.0163	-32	42	29.5	+20.034-	.027	97.8	2
44	L 18	6.3	9	55.	41	+3.0315-	.0183	-35	27	36.8	+20.033-	.027	96.9	1
45	CZ 234	8.4	9	57.	76	+3.0294-	.0192	-36	43	0.1	+20.033-	.028	97.7	2
46	CZ 238	8.9	10	4.	48	+3.0394-	.0141	-29	33	45.3	+20.033-	.028	$\left\{ \begin{smallmatrix} 95.2 \\ 94.4 \end{smallmatrix} \right\}$	3, 2
47	CZ 245	8.4	10	19.	30	+3.0342-	.0162	-32	36	5.3	+20.032-	.028	97.8	2
48	CZ 253	8.3	10	41.	74	+3.0279-	.0183	-35	42	21.9	+20.030-	.029	97.8	2
49	L 22	5.7	11	5.	44	+3.0323-	.0156	-32	0	5.8	+20.029-	.030	97.8	8
50	CZ 265	9.0	0	11	12.44	+3.0448-	.0100	-23	7	58.9	+20.028-	.030	97.0	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s "	° ' "	" "		
51	CZ 268	8.2	0 11 19.29	+3.0445-.0100	-23 8 32.5	+20.028-.030	97.0	1
52	CZ 277	7.2	11 30.19	+3.0286-.0165	-33 18 59.1	+20.027-.031	97.8	2
53	CZ 285	6.8	11 40.29	+3.0281-.0164	-33 14 36.8	+20.026-.031	97.8	2
54	GC 205	7.0	13 13.17	+3.0421-.0090	-21 41 38.2	+20.019-.034	98.8	2
55	CZ 321	8.2	13 17.20	+3.0190-.0173	-34 43 46.3	+20.018-.034	97.7	2
56	CZ 322	6.8	13 17.73	+3.0141-.0190	-37 3 57.1	+20.018-.034	98.8	2
57	CZ 335	8.3	13 39.24	+3.0258-.0144	-30 30 45.5	+20.016-.035	93.6	3
58	CPD-34° 20	8.6	13 53.07	+3.0184-.0166	-33 52 48.6	+20.015-.035	98.8	2
59	CZ 358	9.0	14 50.76	+3.0263-.0128	-28 12 43.5	+20.010-.037	96.8	2
60	CZ 360	7.4	14 55.34	+3.0309-.0112	-25 40 26.1	+20.010-.037	97.0	2
61	CZ 365	8.0	15 10.04	+3.0074-.0183	-36 27 27.9	+20.008-.037	96.8	2
62	Yarn 140	8.6	15 15.81	+3.0142-.0161	-33 19 20.4	+20.008-.038	96.9	2
63	CZ 371	8.0	15 27.14	+3.0184-.0146	-31 6 37.2	+20.006-.038	97.8	2
64	CZ 375	8.8	15 38.69	+3.0266-.0119	-26 51 13.9	+20.005-.039	96.8	2
65	CZ 379	7.0	15 45.88	+3.0315-.0102	-24 11 7.2	+20.005-.039	98.8	2
66	CZ 383	8.6	15 53.74	+3.0187-.0140	-30 14 32.9	+20.004-.039	96.9	2
67	CZ 385	8.5	15 58.12	+3.0064-.0175	-35 29 24.0	+20.003-.039	97.8	2
68	CZ 392	7.2	16 15.32	+3.0030-.0181	-36 21 10.1	+20.002-.039	96.8	2
69	ι Sculptoris	5.4	16 29.71	+3.0183-.0135	-29 32 4.0	+20.000-.040	97.8	8
70	CZ 409	7.6	16 48.96	+3.0300-.0098	-23 33 34.8	+19.998-.041	93.6	3
71	GC 270	8.8	16 49.23	+3.0300-.0098	-23 33 29.6	+19.998-.041	97.0	1
72	CZ 413	8.7	16 59.70	+3.0217-.0120	-27 15 56.0	+19.997-.041	95.7	4
73	CZ 425	8.4	17 20.34	+3.0199-.0121	-27 34 33.1	+19.995-.042	95.6	4
74	CZ 435	8.0	17 44.91	+3.0074-.0151	-32 15 34.5	+19.992-.042	97.8	2
75	CZ 437	8.0	17 46.46	+2.9977-.0176	-35 56 30.8	+19.992-.042	97.8	2
76	L 65	6.5	18 12.42	+3.0075-.0146	-31 35 25.7	+19.989-.043	97.8	2
77	CZ 456	7.0	18 21.56	+3.0099-.0138	-30 24 2.7	+19.988-.044	98.8	2
78	CZ 460	9.0	18 33.86	+3.0013-.0158	-33 25 15.9	+19.986-.044	98.8	2
79	CZ 473	8.0	19 11.41	+3.0230-.0098	-23 57 24.7	+19.982-.045	97.0	2
80	CZ 477	8.3	19 18.23	+3.0090-.0132	-29 32 6.8	+19.981-.045	96.9	2
81	CZ 476	9.0	19 18.37	+3.0193-.0106	-25 23 47.5	+19.981-.046	94.4	2
82	CZ 478	7.8	19 19.94	+3.0139-.0120	-27 35 1.6	+19.981-.045	96.9	2
83	CZ 481	8.8	19 20.94	+2.9902-.0176	-36 11 38.6	+19.981-.045	96.8	2
84	CZ 499	7.7	20 3.33	+3.0018-.0142	-31 14 37.6	+19.975-.047	96.9	3
85	GC 340	7.8	20 40.42	+3.0236-.0087	-22 11 8.2	+19.971-.048	98.8	2
86	CZ 518	7.0	20 45.09	+3.0077-.0122	-28 15 48.0	+19.970-.048	98.8	2
87	CZ 523	7.5	20 56.95	+2.9986-.0141	-31 18 7.5	+19.968-.048	96.8	2
88	CZ 524	8.9	20 57.45	+3.0055-.0126	-28 49 37.7	+19.968-.048	95.2	3
89	GC 350	7.4	21 14.12	+3.0222-.0087	-22 13 35.4	+19.966-.049	98.8	2
90	CZ 554	6.8	22 14.04	+3.0092-.0108	-26 6 1.1	+19.958-.051	98.8	2
91	CZ 555	8.2	22 15.89	+2.9930-.0142	-31 35 21.1	+19.958-.051	97.7	2
92	CZ 562	7.9	22 20.12	+2.9835-.0160	-34 26 9.3	+19.957-.051	97.8	2
93	CZ 563	6.3	22 22.85	+3.0012-.0124	-28 47 47.5	+19.957-.051	98.8	2
94	CZ 565	7.4	22 31.16	+2.9896-.0147	-32 22 57.4	+19.955-.051	97.8	2
95	CZ 567	8.4	22 33.62	+2.9818-.0162	-34 41 32.2	+19.955-.051	97.8	2
96	η Sculptoris	5.0	22 58.24	+2.9840-.0154	-33 33 33.5	+19.951-.052	97.8	8
97	CZ 586	7.0	23 15.51	+2.9958-.0128	-29 35 34.6	+19.949-.053	98.8	2
98	GC 383	6.8	23 20.26	+3.0209-.0078	-20 53 6.4	+19.948-.053	98.8	2
99	CZ 591	7.2	23 27.32	+2.9944-.0130	-29 50 12.3	+19.947-.053	97.0	2
100	CZ 592	9.0	0 23 28.74	+2.9917-.0135	-30 39 56.4	+19.947-.053	96.8	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
101	L 99	5.3	0 23 30.67	+2.9560-.0202	-40 28 2.2	+19.947-.053	97.8	9
102	Yarn 216	9.0	23 31.51	+2.9722-.0172	-36 16 19.4	+19.947-.053	97.0	2
103	CZ 601	8.8	23 44.88	+2.9946-.0127	-29 27 9.1	+19.945-.054	96.9	2
104	CZ 607	7.6	23 50.39	+3.0074-.0101	-25 11 24.4	+19.944-.054	98.8	2
105	CZ 610	8.2	23 59.63	+2.9733-.0165	-35 26 20.2	+19.942-.054	98.9	2
106	CZ 612	8.8	24 2.68	+2.9985-.0118	-27 56 45.0	+19.942-.054	96.9	2
107	CZ 628	7.4	24 36.99	+2.9792-.0149	-33 7 37.4	+19.937-.055	97.8	2
108	CZ 629	9.1	24 38.05	+2.9671-.0171	-36 22 34.4	+19.936-.055	96.8	2
109	CZ 630	6.6	24 51.68	+2.9799-.0146	-32 40 7.2	+19.934-.056	97.8	2
110	CZ 632	8.1	24 56.86	+2.9790-.0147	-32 49 31.0	+19.933-.056	97.8	2
111	CZ 633	8.9	24 57.83	+2.9961-.0116	-27 47 52.7	+19.933-.056	96.9	2
112	Pi 91	5.2	25 22.72	+3.0059-.0095	-24 20 26.9	+19.929-.057	97.8	8
113	CPD-24° 40	9.2	25 31.90	+3.0067-.0093	-23 56 21.2	+19.928-.057	96.9	1
114	A 203	9.0	26 35.44	+2.9953-.0107	-26 34 29.7	+19.917-.059	96.9	2
115	CZ 684	7.8	27 21.88	+2.9978-.0098	-25 11 56.2	+19.909-.060	98.8	2
116	CZ 686	8.1	27 29.48	+2.9704-.0142	-32 36 30.6	+19.908-.060	97.8	2
117	CZ 690	8.5	27 35.90	+2.9826-.0122	-29 18 3.3	+19.907-.061	95.2	3
118	CZ 693	8.9	27 39.05	+2.9852-.0117	-28 32 4.9	+19.906-.061	96.9	2
119	CZ 694	7.0	27 40.47	+2.9945-.0102	-25 54 37.7	+19.906-.061	98.8	2
120	CZ 699	9.2	27 47.03	+2.9978-.0096	-24 51 41.0	+19.905-.061	95.3	3
121	CZ 704	8.7	27 57.31	+2.9600-.0156	-34 43 18.0	+19.903-.061	96.9	2
122	CZ 719	7.5	28 38.01	+2.9891-.0105	-26 38 36.7	+19.896-.063	98.8	2
123	CZ 720	9.2	28 39.22	+2.9891-.0105	-26 38 26.9	+19.896-.063	98.8	2
124	CZ 722	9.4	28 39.22	+2.9808-.0119	-28 52 53.3	+19.896-.063	95.2	3
125	CZ 724	9.2	28 41.30	+2.9986-.0090	-23 56 52.3	+19.895-.063	96.9	2
126	L 125	5.6	28 44.31	+2.9758-.0126	-30 6 32.9	+19.895-.063	97.8	8
127	L 127 <sup>1</sup>	6.7	28 49.79	+2.9529-.0160	-35 32 21.1	+19.894-.062	97.8	8
128	L 127 <sup>2</sup>	8.4	28 49.92	+2.9529-.0160	-35 32 26.3	+19.894-.062	97.8	3
129	CZ 732	7.9	28 57.71	+2.9592-.0150	-33 57 49.1	+19.892-.063	96.9	2
130	CZ 736	8.8	29 3.86	+2.9717-.0130	-30 52 23.6	+19.891-.063	<sup>(94.4)</sup> <sub>(91.9)</sub>	2, 1
131	CZ 737	8.0	29 9.65	+2.9632-.0142	-32 50 14.8	+19.890-.063	97.9	2
132	CZ 747	8.5	29 33.00	+2.9758-.0121	-29 24 37.9	+19.886-.064	97.0	2
133	CZ 752	8.0	29 47.21	+2.9347-.0179	-38 32 50.7	+19.883-.064	96.9	3
134	CZ 756	7.8	30 4.03	+2.9848-.0104	-26 40 36.3	+19.880-.065	95.3	3
135	CZ 757	9.0	30 4.06	+2.9825-.0108	-27 17 43.0	+19.880-.065	97.0	2
136	CZ 760	8.5	30 19.23	+2.9719-.0122	-29 45 31.8	+19.877-.066	93.6	3
137	CZ 789	6.0	31 8.37	+2.9945-.0085	-23 23 30.6	+19.867-.068	96.8	2
138	GC 531	9.0	31 23.67	+2.9257-.0179	-38 50 38.9	+19.864-.067	97.0	2
139	A 250	9.8	31 37.52	+2.9840-.0098	-25 45 8.0	+19.862-.068	97.0	2
140	CZ 805	8.0	31 43.64	+2.9753-.0109	-27 49 35.0	+19.860-.068	96.8	2
141	CZ 806	7.9	31 46.10	+2.9746-.0110	-27 58 13.8	+19.860-.068	96.8	1
142	CZ 807	7.6	31 48.64	+2.9863-.0094	-25 2 59.8	+19.859-.069	96.9	2
143	CZ 810	7.9	31 52.82	+2.9861-.0094	-25 2 27.2	+19.858-.069	96.9	2
144	CZ 816	8.6	32 4.30	+2.9639-.0123	-30 15 45.9	+19.856-.069	94.4	2
145	Pi 130	5.7	32 12.32	+2.9841-.0095	-25 19 2.7	+19.854-.069	97.8	8
146	CZ 825	8.2	32 25.61	+2.9359-.0158	-35 58 15.6	+19.852-.069	98.8	2
147	CZ 840	8.9	33 6.26	+2.9613-.0121	-30 3 44.4	+19.843-.070	94.4	2
148	CZ 854	9.0	33 36.43	+2.9409-.0144	-34 1 20.8	+19.837-.071	96.8	2
149	CZ 855	8.0	33 38.60	+2.9850-.0087	-24 8 52.6	+19.836-.072	98.8	2
150	CZ 858	9.2	0 33 47.99	+2.9695-.0107	-27 43 13.4	+19.834-.072	96.9	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
151	CZ 859	6.8	0 33 51.04	+2.9782-.0095	-25 39 27.9	+19.834-.072	98.8	2
152	CPD-25° 68	9.2	33 54.48	+2.9781-.0095	-25 39 29.9	+19.833-.072	98.8	2
153	CZ 897	8.8	34 53.92	+2.9756-.0094	-25 34 47.7	+19.820-.074	96.9	3
154	CZ 904	7.0	35 2.54	+2.9327-.0146	-34 30 28.0	+19.818-.073	96.9	3
155	CZ 914	6.2	35 30.38	+2.9794-.0087	-24 20 38.0	+19.812-.075	93.6	3
156	CZ 917	8.6	35 35.82	+2.9636-.0106	-27 49 12.0	+19.811-.075	97.0	1
157	CZ 918	8.5	35 36.58	+2.9512-.0121	-30 25 14.7	+19.810-.075	95.2	3
158	CZ 920	7.3	35 38.45	+2.9533-.0118	-29 58 13.6	+19.810-.075	98.8	2
159	CZ 923	8.8	35 52.01	+2.9623-.0106	-27 55 23.2	+19.807-.076	96.9	3
160	CZ 924	8.0	35 53.10	+2.9454-.0126	-31 24 30.5	+19.807-.075	97.8	2
161	CZ 934	9.0	36 10.34	+2.9511-.0118	-30 4 10.2	+19.803-.076	94.4	2
162	CZ 939	8.4	36 37.08	+2.9277-.0142	-34 16 59.8	+19.797-.076	97.8	2
163	CZ 938	6.5	36 37.96	+2.9701-.0093	-25 44 38.9	+19.797-.077	98.8	2
164	CZ 953	9.0	37 25.54	+2.9767-.0082	-23 49 56.6	+19.785-.079	96.8	2
165	CZ 959	7.4	37 47.33	+2.9099-.0155	-36 34 16.0	+19.780-.078	97.8	2
166	CZ 979	9.0	38 25.50	+2.9251-.0136	-33 29 42.4	+19.771-.080	96.9	2
167	CZ 991	9.0	38 48.04	+2.9375-.0120	-30 59 6.9	+19.765-.081	<sup>(93.5)</sup> 91.9	3, 2
168	CZ 999	8.8	39 15.70	+2.9360-.0120	-30 57 43.7	+19.759-.081	96.9	2
169	CZ 1001	8.3	39 19.02	+2.9776-.0074	-22 37 18.6	+19.758-.082	95.2	3
170	L 192	6.0	39 22.07	+2.8879-.0168	-38 58 23.6	+19.757-.080	97.7	9
171	CZ 1008	7.4	39 29.12	+2.9556-.0098	-27 4 4.0	+19.755-.082	95.9	3
172	CZ 1012	8.8	39 39.11	+2.9163-.0138	-34 12 6.3	+19.753-.082	97.0	2
173	Pi 166	5.3	39 47.57	+2.9768-.0073	-22 33 21.4	+19.751-.083	97.8	8
174	CZ 1020	8.0	39 53.19	+2.9284-.0124	-31 56 13.2	+19.749-.082	97.8	2
175	CZ 1024	9.0	40 6.74	+2.9468-.0104	-28 24 0.3	+19.746-.083	96.9	2
176	CZ 1045	9.1	41 0.76	+2.9447-.0103	-28 16 41.8	+19.732-.085	96.9	2
177	CZ 1049	8.0	41 5.10	+2.9280-.0120	-31 15 23.6	+19.731-.085	97.8	2
178	L 203	5.6	41 13.50	+2.9708-.0075	-23 4 7.0	+19.729-.086	96.9	1
179	CZ 1058	8.9	41 20.26	+2.9553-.0091	-26 4 59.6	+19.727-.086	96.9	2
180	CZ 1062	8.6	41 38.46	+2.9383-.0107	-29 5 56.4	+19.722-.086	96.8	2
181	CZ 1064	7.5	41 45.14	+2.9287-.0116	-30 44 14.4	+19.720-.086	98.8	2
182	CZ 1065	8.8	41 50.45	+2.8926-.0150	-36 34 39.1	+19.719-.085	98.8	2
183	CZ 1090	7.8	42 37.80	+2.9202-.0120	-31 40 8.4	+19.706-.087	97.8	2
184	CZ 1092	8.5	42 40.13	+2.9523-.0089	-25 56 29.6	+19.706-.088	96.9	2
185	CZ 1096*	8.9	42 46.88	+2.9434-.0097	-27 31 18.9	+19.704-.088	93.6	3
186	CZ 1099	6.5	42 49.95	+2.9181-.0121	-31 53 56.3	+19.703-.088	97.8	8
187	CZ 1103	8.0	43 3.81	+2.9292-.0110	-29 53 26.8	+19.699-.088	96.9	2
188	L 218	7.0	43 4.16	+2.9704-.0069	-22 16 5.5	+19.699-.089	98.8	2
189	CZ 1104	9.0	43 4.96	+2.9041-.0133	-34 0 35.4	+19.699-.087	96.9	3
190	CZ 1106	8.6	43 7.71	+2.9111-.0126	-32 52 51.0	+19.698-.088	97.8	2
191	CZ 1113	8.3	43 37.42	+2.9443-.0093	-26 54 57.1	+19.690-.090	93.6	3
192	CZ 1117	7.0	43 47.93	+2.9318-.0104	-29 2 21.5	+19.687-.090	98.8	2
193	CZ 1118	8.6	43 49.40	+2.9559-.0081	-24 41 18.9	+19.687-.090	97.0	2
194	A 360	7.0	44 9.58	+2.9709-.0065	-21 41 43.8	+19.681-.091	98.8	2
195	CZ 1125	7.5	44 13.60	+2.8809-.0148	-36 48 34.3	+19.680-.089	97.8	2
196	CZ 1128	6.0	44 18.27	+2.9547-.0081	-24 40 49.8	+19.679-.091	98.8	2
197	Lal 1350	8.8	44 21.45	+2.9691-.0066	-21 56 34.3	+19.678-.092	97.0	2
198	CZ 1135	7.5	44 27.27	+2.9593-.0076	-23 45 41.1	+19.676-.091	95.2	3
199	CZ 1139	7.0	44 38.06	+2.9580-.0076	-23 54 25.0	+19.673-.092	98.8	2
200	CZ 1161	9.0	0 45 26.98	+2.9328-.0097	-27 58 59.4	+19.659-.092	95.7	4



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
201	CZ 1171	8.9	0 45 43.62	+2.9320-.0097	-27 58 47.6	+19.654-.093	$\begin{pmatrix} 95.6 \\ 96.8 \end{pmatrix}$	4, 3
202	CZ 1186	8.9	46 34.19	+2.9557-.0072	-23 26 46.6	+19.640-.095	96.9	2
203	CZ 1197	8.2	46 56.04	+2.9208-.0102	-29 11 42.3	+19.633-.095	95.2	3
204	CZ 1201	9.0	47 4.27	+2.9056-.0114	-31 30 9.9	+19.631-.095	97.0	2
205	A 390	7.0	47 17.38	+2.9640-.0063	-21 39 1.5	+19.627-.097	98.8	2
206	CZ 1207	7.2	47 18.40	+2.9555-.0070	-23 9 19.0	+19.626-.097	93.6	3
207	CZ 1210	8.8	47 19.74	+2.8714-.0141	-36 17 29.2	+19.626-.094	98.8	2
208	CZ 1211	8.5	47 25.32	+2.9331-.0090	-26 56 30.0	+19.624-.096	96.8	2
209	L 238	5.6	47 46.08	+2.9464-.0077	-24 33 1.5	+19.618-.097	98.8	2
210	CZ 1221	7.5	48 5.98	+2.9060-.0110	-30 54 5.1	+19.612-.097	94.4	4
211	CZ 1226	6.4	48 17.96	+2.9404-.0080	-25 19 16.6	+19.608-.098	96.9	2
212	CZ 1258	7.5	49 15.54	+2.8884-.0120	-32 52 38.6	+19.591-.098	97.0	2
213	CZ 1272	8.5	49 51.60	+2.8744-.0128	-34 30 2.0	+19.579-.099	97.7	2
214	CZ 1281	7.2	50 29.25	+2.9352-.0078	-25 12 6.8	+19.568-.102	98.8	2
215	CZ 1296	6.5	51 4.52	+2.9135-.0093	-28 19 2.2	+19.556-.102	98.8	2
216	CZ 1307	9.0	51 34.86	+2.8547-.0135	-36 9 16.0	+19.546-.101	97.8	2
217	L 257	7.0	51 56.55	+2.9268-.0080	-25 54 17.4	+19.539-.104	97.8	8
218	CZ 1317	8.8	52 2.20	+2.8249-.0153	-39 28 24.9	+19.537-.101	96.8	2
219	CZ 1321	9.0	52 19.58	+2.8987-.0100	-29 54 6.1	+19.532-.104	93.6	3
220	CZ 1337	8.2	52 52.11	+2.8888-.0106	-31 1 41.8	+19.521-.105	97.8	2
221	A 438	7.5	53 2.97	+2.9537-.0056	-21 12 56.2	+19.517-.107	98.8	2
222	CZ 1348	7.9	53 20.68	+2.9195-.0082	-26 25 1.1	+19.511-.106	98.8	2
223	$\alpha$ Sculptoris	4.4	53 47.30	+2.8940-.0099	-29 53 52.5	+19.502-.106	97.8	19
224	CZ 1384	8.0	54 40.93	+2.8500-.0126	-35 10 36.4	+19.484-.106	97.8	2
225	CZ 1388	7.8	54 57.27	+2.8753-.0108	-31 52 32.1	+19.478-.108	97.8	2
226	CZ 1389	8.9	54 58.90	+2.9150-.0080	-26 24 15.4	+19.478-.109	97.0	2
227	CZ 1408	8.4	55 47.61	+2.9098-.0081	-26 49 20.6	+19.461-.110	$\begin{pmatrix} 94.4 \\ 92.0 \end{pmatrix}$	2, 1
228	CZ 1410	9.2	55 49.74	+2.9037-.0085	-27 39 43.1	+19.460-.110	96.9	2
229	L 274	6.7	55 52.54	+2.8315-.0132	-36 46 39.0	+19.459-.108	97.8	8
230	CZ 1414	9.0	55 57.47	+2.9027-.0086	-27 45 12.4	+19.457-.110	94.4	2
231	CZ 1415	9.2	55 59.56	+2.9222-.0072	-24 57 44.6	+19.457-.111	96.9	2
232	CZ 1421	9.0	56 27.10	+2.8889-.0094	-29 25 19.2	+19.447-.111	96.9	2
233	CZ 1425	8.0	56 37.28	+2.8530-.0116	-33 53 56.4	+19.443-.110	97.9	2
234	$\xi$ Sculptoris	5.6	56 38.04	+2.8036-.0146	-39 27 24.3	+19.443-.108	97.8	8
235	$\sigma$ Sculptoris	5.5	57 39.92	+2.8640-.0106	-32 5 25.0	+19.421-.112	97.8	8
236	CZ 1467	9.0	58 4.71	+2.9190-.0068	-24 38 7.7	+19.412-.115	97.0	2
237	CZ 1483	6.8	58 31.28	+2.8773-.0095	-30 3 44.4	+19.402-.114	93.6	3
238	CZ 1486	7.9	58 39.02	+2.8562-.0108	-32 36 55.9	+19.399-.114	97.8	2
239	CZ 1498	9.0	59 17.24	+2.8314-.0120	-35 12 49.5	+19.385-.114	97.8	2
240	CZ 1507	9.2	59 29.25	+2.8926-.0082	-27 41 30.7	+19.380-.116	95.3	3
241	CZ 1509	8.7	59 34.35	+2.9042-.0074	-26 7 57.5	+19.378-.117	97.0	2
242	CZ 1516	8.5	59 46.53	+2.9261-.0059	-23 2 26.3	+19.374-.118	95.2	3
243	CZ 1517	6.5	59 49.56	+2.8394-.0114	-34 4 8.2	+19.373-.115	97.8	2
244	CZ 1518	8.4	0 59 50.56	+2.8652-.0098	-31 1 33.3	+19.372-.116	94.4	2
245	CZ 1534	7.5	1 0 38.44	+2.8800-.0087	-28 51 22.6	+19.354-.117	96.9	2
246	CZ 1542	9.0	1 0.07	+2.8920-.0078	-27 11 51.7	+19.346-.119	94.5	2
247	CZ 1547	8.2	1 7.21	+2.8912-.0079	-27 15 49.3	+19.343-.119	97.0	1
248	CZ 5	8.1	1 16.85	+2.8487-.0103	-32 23 21.3	+19.339-.118	97.8	2
249	CZ 3	6.2	1 17.14	+2.9116-.0065	-24 31 36.4	+19.339-.120	97.8	8
250	CZ 11	8.2	1 1 36.04	+2.8211-.0118	-35 19 59.1	+19.332-.117	97.8	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
251	CZ 16	6.7	I 1 45.44	+2.8123-.0122	-36 11 42.1	+19.328-.117	97.8	2
252	CZ 24	8.0	I 1 57.79	+2.9183-.0059	-23 23 18.5	+19.324-.122	96.9	2
253	GC 1031	8.1	2 1.92	+2.9223-.0056	-22 49 8.6	+19.322-.122	96.9	2
254	CZ 31	8.0	2 21.31	+2.9022-.0068	-25 23 23.7	+19.314-.122	98.9	2
255	CZ 32	6.8	2 21.79	+2.9088-.0064	-24 31 48.8	+19.314-.122	98.8	2
256	CZ 48	8.2	2 57.73	+2.8341-.0106	-33 20 52.0	+19.300-.120	97.0	2
257	CZ 60	8.2	3 27.01	+2.8325-.0106	-33 19 25.9	+19.288-.121	97.0	1
258	CZ 63	8.3	3 37.37	+2.9036-.0064	-24 46 25.5	+19.284-.124	96.9	2
259	CZ 74	8.0	3 59.58	+2.8362-.0102	-32 41 39.8	+19.275-.122	97.8	2
260	CZ 79	9.0	4 12.04	+2.8466-.0096	-31 27 35.7	+19.270-.123	97.0	2
261	CZ 80	8.7	4 13.55	+2.8918-.0070	-26 4 8.8	+19.270-.125	97.0	2
262	CZ 83	9.0	4 23.75	+2.8213-.0108	-34 8 29.1	+19.266-.122	97.0	2
263	CZ 86	9.0	4 29.46	+2.7962-.0121	-36 40 28.8	+19.263-.121	96.8	2
264	CZ 99	9.0	5 4.28	+2.8625-.0084	-29 18 13.5	+19.249-.125	96.9	2
265	CZ 103	7.4	5 15.45	+2.8836-.0072	-26 43 34.0	+19.245-.126	98.8	2
266	CZ 109	8.2	5 29.11	+2.7880-.0122	-37 4 39.4	+19.239-.123	97.8	2
267	CZ 136	8.2	6 27.10	+2.8266-.0100	-32 46 49.9	+19.215-.126	97.0	2
268	CZ 150	8.3	7 10.38	+2.7990-.0111	-35 19 34.0	+19.197-.126	97.8	2
269	L 326	6.7	7 39.83	+2.8359-.0091	-31 19 52.5	+19.184-.128	97.7	9
270	A 561	7.5	7 42.54	+2.9234-.0043	-20 59 18.8	+19.183-.132	98.8	2
271	CZ 173	8.6	7 54.85	+2.8500-.0084	-29 42 35.9	+19.178-.129	95.3	3
272	L 327	6.8	8 8.13	+2.7910-.0112	-35 44 10.8	+19.172-.127	97.8	8
273	L 328	5.9	8 9.06	+2.7624-.0124	-38 23 11.1	+19.172-.126	97.8	8
274	CZ 183	8.2	8 17.15	+2.7847-.0114	-36 16 34.9	+19.169-.127	97.9	2
275	CZ 195	8.2	8 40.56	+2.8218-.0095	-32 26 17.6	+19.158-.130	97.9	2
276	CZ 197	9.2	8 43.35	+2.8128-.0100	-33 21 0.9	+19.157-.129	96.9	2
277	CZ 202	7.9	9 1.95	+2.8283-.0091	-31 38 46.7	+19.149-.130	97.9	2
278	CZ 206	8.5	9 16.22	+2.7760-.0115	-36 42 54.1	+19.143-.129	96.8	2
279	CZ 210	9.0	9 31.18	+2.8879-.0060	-24 49 52.2	+19.137-.134	96.9	2
280	CZ 211	9.1	9 32.69	+2.8986-.0054	-23 32 45.1	+19.136-.134	97.0	2
281	CZ 213	9.2	9 35.04	+2.8503-.0079	-29 5 49.7	+19.135-.132	93.6	3
282	CZ 236	8.0	10 24.30	+2.9026-.0050	-22 49 34.4	+19.113-.136	98.8	2
283	CZ 240	9.1	10 32.90	+2.8379-.0083	-30 6 8.7	+19.110-.133	97.0	3, 2
284	CZ 251	7.0	11 5.55	+2.8868-.0057	-24 30 4.8	+19.095-.137	98.9	2
285	CZ 264	8.4	11 28.28	+2.7889-.0102	-34 40 37.4	+19.085-.133	97.8	2
286	CZ 265	8.5	11 29.26	+2.8172-.0090	-31 55 14.0	+19.084-.134	97.8	2
287	CZ 279	8.5	12 5.85	+2.8149-.0089	-31 56 8.3	+19.068-.135	97.8	2
288	GC 1202	9.4	12 16.18	+2.8902-.0052	-23 45 54.4	+19.063-.139	96.8	1
289	CZ 283	9.0	12 16.80	+2.8901-.0052	-23 45 58.7	+19.063-.139	93.6	3
290	CZ 287*	8.2	12 21.49	+2.8189-.0087	-31 26 41.2	+19.061-.136	97.8	2
291	CZ 292	7.8	12 40.86	+2.7788-.0104	-35 11 27.1	+19.052-.134	97.8	2
292	CZ 304	8.8	13 17.39	+2.7554-.0111	-37 3 30.5	+19.036-.134	98.9	2
293	CZ 308	7.5	13 25.51	+2.7816-.0100	-34 39 50.7	+19.032-.136	97.8	2
294	CZ 312	7.8	13 30.36	+2.8849-.0052	-24 1 25.4	+19.030-.141	97.0	2
295	CZ 318	8.0	13 36.37	+2.7917-.0095	-33 39 52.6	+19.027-.137	97.8	2
296	CZ 317	7.0	13 36.76	+2.8889-.0050	-23 32 19.3	+19.027-.141	96.9	2
297	CZ 325	7.8	13 48.46	+2.8357-.0076	-29 15 34.3	+19.021-.139	97.0	2
298	CZ 326*	8.4	13 51.21	+2.8900-.0049	-23 20 53.0	+19.020-.142	94.5	2
299	CZ 333	8.2	13 57.12	+2.8564-.0066	-27 2 1.8	+19.017-.140	95.3	3
300	CZ 337	8.9	I 13 57.64	+2.7557-.0109	-36 47 9.0	+19.017-.135	96.9	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
301	CZ 338	8.4	13 59.14	+2.7719-.0103	-35 20 43.3	+19.016-.136	97.8	2
302	CZ 339	9.0	14 0.11	+2.7897-.0095	-33 42 55.8	+19.016-.137	97.0	2
303	CPD-30° 147	9.2	14 13.70	+2.8222-.0081	-30 29 14.7	+19.010-.139	92.0	1
304	CZ 351	8.0	14 41.51	+2.7728-.0100	-35 1 4.7	+18.997-.137	97.8	2
305	CZ 349	8.0	14 42.60	+2.8688-.0058	-25 28 24.5	+18.996-.142	95.2	3
306	A 632	7.5	15 14.72	+2.9073-.0038	-20 59 46.2	+18.981-.145	98.9	2
307	CZ 374	7.4	15 39.99	+2.8274-.0075	-29 30 42.0	+18.969-.142	98.9	2
308	CZ 377	7.0	15 41.52	+2.7488-.0107	-36 46 3.0	+18.968-.138	97.8	2
309	CZ 384	9.0	15 52.07	+2.8185-.0078	-30 19 58.8	+18.963-.142	96.9	2
310	CZ 386	8.0	16 0.18	+2.8639-.0058	-25 37 38.1	+18.960-.144	95.2	3
311	CZ 397	8.6	16 31.01	+2.7529-.0103	-36 7 55.0	+18.945-.140	97.8	2
312	CZ 400	8.7	16 41.62	+2.8261-.0073	-29 19 7.4	+18.940-.143	96.9	2
313	CZ 410	6.5	17 1.35	+2.7781-.0092	-33 45 23.6	+18.930-.142	97.8	2
314	CZ 419	8.2	17 18.82	+2.8397-.0066	-27 45 26.4	+18.922-.145	96.9	2
315	CZ 421	8.3	17 24.10	+2.8430-.0064	-27 24 36.2	+18.919-.145	93.6	3
316	CZ 424	6.5	17 36.58	+2.7310-.0108	-37 34 29.5	+18.913-.140	97.0	2
317	CZ 425	7.7	17 40.57	+2.7956-.0083	-31 56 42.1	+18.911-.144	97.8	2
318	GC 1305	8.0	17 52.50	+2.7586-.0097	-35 11 17.5	+18.906-.142	98.9	2
319	CZ 436	8.6	18 2.82	+2.8248-.0071	-29 2 8.6	+18.901-.146	94.4	2
320	CZ 442	7.5	18 9.69	+2.7344-.0105	-37 7 9.2	+18.897-.141	98.9	2
321	CZ 449	7.8	18 38.54	+2.7941-.0082	-31 46 50.3	+18.883-.145	97.8	2
322	CZ 450	7.5	18 40.42	+2.7684-.0091	-34 4 12.4	+18.882-.144	96.9	2
323	Pi 68*	6.6	18 48.97	+2.8637-.0052	-24 52 31.2	+18.878-.149	97.8	8
324	L 384	5.8	18 51.83	+2.7967-.0080	-31 28 0.4	+18.877-.146	97.8	8
325	A 671	9.2	19 18.90	+2.8775-.0045	-23 17 29.8	+18.863-.150	96.9	2
326	CZ 474	6.8	19 32.88	+2.7849-.0083	-32 19 54.0	+18.856-.146	95.3	3
327	CZ 479	7.8	19 42.47	+2.8199-.0069	-29 1 14.6	+18.851-.148	97.0	2
328	CD-26° 466	9.7	20 4.31	+2.8419-.0059	-26 45 58.6	+18.841-.150	97.0	1
329	CZ 485*	8.4	20 4.40	+2.8258-.0066	-28 21 6.0	+18.841-.149	95.3	3
330	CZ 489	6.7	20 4.52	+2.7563-.0092	-34 39 45.7	+18.841-.146	96.9	2
331	CZ 486	9.2	20 5.09	+2.8417-.0059	-26 46 54.1	+18.840-.150	97.0	2
332	CZ 499	9.3	20 31.90	+2.8670-.0047	-24 5 21.9	+18.827-.152	94.4	2
333	CZ 505	8.2	20 44.81	+2.8552-.0052	-25 14 13.8	+18.820-.152	96.9	2
334	CZ 517	7.4	21 17.78	+2.8726-.0043	-23 19 6.9	+18.804-.153	97.0	2
335	CZ 530	7.4	21 49.87	+2.7942-.0074	-30 47 43.9	+18.787-.150	98.3	4
336	CZ 537	8.3	22 9.15	+2.8021-.0070	-29 59 21.2	+18.778-.151	93.6	3
337	A 695	7.2	22 14.37	+2.8924-.0033	-21 0 39.2	+18.775-.156	98.8	2
338	CZ 541	9.0	22 16.99	+2.7200-.0099	-36 54 7.2	+18.774-.147	96.8	2
339	R Sculptoris*	Var.	22 21.97	+2.7667-.0083	-33 3 42.3	+18.771-.150	97.8	2
340	CZ 545*	6.8	22 26.20	+2.7928-.0073	-30 45 16.2	+18.769-.151	98.9	2
341	GC 1381	7.0	22 35.91	+2.8930-.0032	-20 52 17.1	+18.764-.157	98.8	2
342	CZ 548	6.6	22 36.09	+2.8740-.0040	-22 51 16.9	+18.764-.156	96.9	5
343	GC 1391	7.0	23 12.02	+2.8756-.0038	-22 33 19.9	+18.745-.157	98.9	2
344	CZ 563	8.9	23 16.09	+2.8725-.0040	-22 51 13.9	+18.743-.157	96.9	3
345	CZ 569	7.3	23 19.30	+2.8240-.0060	-27 37 47.7	+18.741-.154	95.6	3
346	CZ 581	7.9	23 44.06	+2.7741-.0077	-32 0 52.0	+18.729-.152	97.8	2
347	CZ 584	9.5	23 49.14	+2.7177-.0096	-36 35 43.1	+18.726-.150	97.0	2
348	CZ 589	7.2	24 3.59	+2.8460-.0049	-25 18 56.9	+18.718-.157	98.9	2
349	CZ 590	9.0	24 4.86	+2.7913-.0070	-30 24 38.0	+18.718-.154	94.5	2
350	CZ 595	8.8	1 24 8.42	+2.8600-.0043	-23 54 40.4	+18.716-.158	96.9	2

323 9<sup>m</sup>2 2" 70°.329 5<sup>m</sup>6, 8<sup>m</sup>2, 4<sup>m</sup>3.339 6<sup>m</sup>0 to 7<sup>m</sup>8.340 9<sup>m</sup>1 7" 135°.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
351	CZ 597	6.5	1 24 9.64	+2.7456-.0086	-34 16 50.9	+18.715-.152	97.8	8
352	Br 200	5.1	24 48.31	+2.8760-.0036	-22 8 47.5	+18.695-.160	97.8	8
353	CZ 611	7.0	24 59.25	+2.8349-.0052	-26 8 6.0	+18.689-.158	98.8	2
354	CZ 614	8.1	25 12.55	+2.8662-.0039	-23 2 21.7	+18.682-.160	97.0	2
355	CZ 627	8.8	25 32.11	+2.7062-.0095	-36 56 29.4	+18.672-.152	97.0	2
356	Pi 99	6.0	25 40.15	+2.8270-.0054	-26 43 27.2	+18.667-.158	97.8	8
357	CZ 638	9.0	25 47.25	+2.8353-.0050	-25 54 22.8	+18.664-.159	94.5	2
358	CZ 643	8.8	25 55.91	+2.7064-.0094	-36 48 33.5	+18.659-.152	97.5	2
359	CZ 664	8.5	26 32.53	+2.7670-.0074	-31 49 3.2	+18.639-.157	97.8	2
360	CZ 667	8.4	26 35.59	+2.8037-.0061	-28 36 57.1	+18.638-.159	93.6	3
361	CZ 671	6.8	26 51.51	+2.7814-.0068	-30 30 4.6	+18.629-.158	98.8	2
362	CZ 686	8.0	27 22.77	+2.8496-.0042	-24 9 37.8	+18.612-.162	98.9	2
363	CZ 687	8.6	27 24.46	+2.7380-.0081	-33 55 50.0	+18.611-.156	96.9	2
364	CZ 702	9.1	27 51.51	+2.7812-.0066	-30 14 23.4	+18.597-.160	95.3	3
365	L 447	5.5	28 27.70	+2.6882-.0093	-37 22 43.1	+18.577-.155	98.9	2
366	CZ 717	7.0	28 29.79	+2.8413-.0043	-24 41 13.8	+18.576-.164	97.0	3
367	CZ 720	8.5	28 33.14	+2.8251-.0049	-26 10 47.5	+18.574-.163	97.0	2
368	CZ 735	9.0	28 51.26	+2.6670-.0098	-38 45 26.6	+18.564-.155	96.8	2
369	CZ 749	7.2	29 26.87	+2.7874-.0061	-29 17 47.9	+18.544-.162	98.9	2
370	CZ 753	8.0	29 38.17	+2.8032-.0055	-27 52 34.5	+18.538-.164	98.8	2
371	CZ 756	6.6	29 44.57	+2.7928-.0058	-28 44 56.2	+18.534-.163	97.8	8
372	CZ 762	8.6	29 55.60	+2.7876-.0060	-29 9 2.0	+18.528-.163	96.9	2
373	CZ 766	7.0	30 7.33	+2.8424-.0040	-24 12 44.1	+18.522-.167	98.9	2
374	CZ 771	8.2	30 14.00	+2.7020-.0085	-35 51 24.4	+18.518-.159	96.8	2
375	CZ 773	6.3	30 17.06	+2.7471-.0072	-32 24 10.8	+18.516-.161	97.8	2
376	CZ 772	9.5	30 18.59	+2.8445-.0039	-23 58 27.7	+18.515-.167	97.0	1
377	CZ 775	7.4	30 23.11	+2.7711-.0064	-30 25 32.0	+18.513-.163	98.2	4
378	CZ 774	7.9	30 24.07	+2.8444-.0039	-23 57 40.8	+18.512-.167	93.6	3
379	CZ 776	8.6	30 26.94	+2.7713-.0064	-30 23 19.3	+18.511-.163	97.5	2
380	CZ 777	8.0	30 31.21	+2.7525-.0070	-31 54 32.4	+18.508-.162	97.9	2
381	CZ 795	9.3	31 24.25	+2.6513-.0095	-39 3 59.1	+18.478-.158	96.9	2
382	L 465	6.9	31 28.56	+2.6297-.0100	-40 27 25.8	+18.476-.158	97.8	8
383	$\tau$ Sculptoris	5.7	31 31.16	+2.7675-.0063	-30 25 10.1	+18.474-.165	97.0	2
384	CZ 806	7.7	31 31.38	+2.6816-.0088	-36 57 52.2	+18.474-.160	97.8	2
385	CZ 801	8.9	31 32.55	+2.8526-.0034	-22 56 48.6	+18.474-.170	95.3	3
386	CZ 815	8.5	31 48.56	+2.7225-.0076	-33 53 38.9	+18.465-.163	97.8	2
387	CZ 822	9.4	32 8.16	+2.7655-.0062	-30 25 41.7	+18.453-.166	97.0	2
388	CZ 825	7.2	32 15.69	+2.7351-.0071	-32 48 25.7	+18.449-.164	97.9	2
389	CZ 828	8.2	32 27.70	+2.8222-.0043	-25 31 30.8	+18.442-.169	98.8	2
390	CZ 830	8.5	32 29.52	+2.7708-.0060	-29 54 4.5	+18.441-.166	94.4	2
391	CZ 835	9.2	32 38.80	+2.7178-.0076	-34 1 0.3	+18.436-.164	97.0	2
392	CZ 864	9.1	33 47.64	+2.7770-.0056	-29 4 19.3	+18.396-.169	97.0	2
393	CZ 866	9.0	33 49.64	+2.6900-.0080	-35 43 20.1	+18.395-.164	97.9	2
394	L 476	6.0	34 0.97	+2.6705-.0085	-37 2 0.4	+18.388-.163	96.9	3
395	Paris 2056	5.7	34 4.99	+2.8595-.0027	-21 47 5.5	+18.386-.174	98.8	2
396	CZ 875	7.6	34 5.59	+2.7305-.0069	-32 40 39.4	+18.386-.167	97.9	2
397	Pi 140	6.7	34 8.43	+2.8178-.0042	-25 31 50.0	+18.384-.172	97.9	8
398	CZ 880	9.2	34 16.86	+2.7913-.0050	-27 45 37.8	+18.379-.170	95.3	3
399	CZ 884	8.8	34 25.63	+2.8385-.0034	-23 37 58.2	+18.374-.173	97.0	2
400	CZ 889	8.0	1 34 39.71	+2.7688-.0057	-29 31 50.6	+18.366-.170	98.8	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
401	CZ 892	6.5	1 34 50.98	+2.7091-.0073	-34 4 20.5	+18.359-.166	97.8	2
402	CZ 897	7.2	35 10.15	+2.8391-.0033	-23 25 10.8	+18.348-.175	98.9	2
403	CZ 908	9.2	35 30.73	+2.8111-.0042	-25 47 59.4	+18.336-.174	97.0	2
404	CZ 915	7.5	35 48.00	+2.6930-.0075	-34 59 1.2	+18.326-.167	97.8	2
405	CZ 926	8.2	36 9.84	+2.6625-.0082	-36 59 8.7	+18.313-.166	97.4	4
406	CZ 923	9.2	36 10.93	+2.7734-.0052	-28 47 10.0	+18.312-.172	93.6	3
407	GC 1639	8.2	36 25.06	+2.8496-.0027	-22 13 31.3	+18.304-.177	98.8	2
408	CZ 936	8.7	36 34.54	+2.6884-.0075	-35 5 52.1	+18.298-.168	98.0	2
409	CZ 938	6.8	36 41.67	+2.7048-.0071	-33 54 15.0	+18.294-.169	97.4	4
410	CZ 951	8.2	37 30.70	+2.6814-.0075	-35 20 29.9	+18.264-.169	98.0	2
411	$\pi$ Sculptoris	5.3	37 37.82	+2.7163-.0066	-32 49 52.3	+18.260-.171	97.9	8
412	L 501	5.6	37 38.55	+2.6513-.0081	-37 20 12.2	+18.259-.168	97.9	8
413	CZ 961	8.8	37 51.21	+2.7648-.0052	-29 5 2.3	+18.252-.174	97.0	2
414	CZ 975	9.5	38 31.10	+2.8217-.0033	-24 15 8.7	+18.228-.179	95.3	3
415	CZ 980	9.0	38 42.07	+2.8281-.0031	-23 40 19.1	+18.221-.180	97.0	1
416	CZ 985	8.8	38 52.74	+2.8160-.0035	-24 40 11.4	+18.215-.179	97.0	2
417	CZ 993	9.0	39 14.83	+2.7447-.0055	-30 18 51.8	+18.201-.176	96.9	2
418	CZ 995	8.5	39 23.77	+2.7321-.0058	-31 13 47.6	+18.196-.175	98.9	2
419	CZ 999	8.0	39 36.47	+2.7173-.0062	-32 16 3.6	+18.188-.174	97.8	2
420	CZ 1000	8.5	39 49.14	+2.7186-.0061	-32 7 16.7	+18.180-.175	97.8	2
421	CZ 1006	9.0	39 59.80	+2.6867-.0068	-34 20 33.5	+18.173-.173	97.0	2
422	CZ 1010	6.7	40 9.17	+2.6779-.0070	-34 54 29.7	+18.168-.173	97.4	5, 4
423	CZ 1014	6.5	40 22.41	+2.7555-.0050	-29 13 34.5	+18.160-.178	97.0	2
424	CZ 1015	8.0	40 24.61	+2.6998-.0064	-33 19 47.2	+18.158-.175	97.9	2
425	CZ 1019	7.4	40 29.92	+2.7196-.0060	-31 53 15.7	+18.155-.176	98.0	2
426	CZ 1020	8.6	40 36.22	+2.7850-.0041	-26 51 42.8	+18.151-.180	96.7	4
427	CZ 1027	7.0	40 54.98	+2.7838-.0041	-26 53 54.6	+18.139-.181	98.9	2
428	$\epsilon$ Sculptoris	5.4	40 57.73	+2.8002-.0036	-25 33 8.0	+18.138-.182	97.9	8
429	Anon	9.0	40 58.12	+2.8002-.0036	-25 33 5.1	+18.137-.182	98.0	1
430	CZ 1033	8.7	41 2.25	+2.6490-.0074	-36 36 29.8	+18.135-.172	98.0	2
431	CZ 1039	6.9	41 23.48	+2.7703-.0044	-27 50 54.7	+18.122-.180	99.0	2
432	CZ 1047	9.0	41 57.05	+2.7578-.0047	-28 42 5.7	+18.101-.181	97.0	2
433	CZ 1072	8.6	42 47.73	+2.6935-.0062	-33 11 37.7	+18.069-.178	97.4	2
434	CZ 1071	9.3	42 48.44	+2.7475-.0048	-29 17 35.6	+18.068-.181	96.9	2
435	GC 1744	7.2	42 54.14	+2.8460-.0019	-21 20 34.2	+18.065-.188	98.8	2
436	CZ 1079	8.8	43 1.83	+2.7736-.0041	-27 14 27.7	+18.060-.183	95.6	3
437	CZ 1085	8.9	43 21.00	+2.8287-.0024	-22 43 24.1	+18.048-.187	97.0	2
438	L 526	6.5	43 25.87	+2.6228-.0075	-37 39 31.7	+18.044-.174	97.9	8
439	CZ 1102	7.7	43 58.57	+2.7774-.0038	-26 45 6.9	+18.024-.185	98.8	2
440	CZ 1114	8.8	44 17.55	+2.6747-.0063	-34 6 46.7	+18.011-.179	97.5	2
441	CZ 1119	7.2	44 22.21	+2.5940-.0078	-39 9 9.4	+18.009-.174	96.9	2
442	CZ 1129	6.2	44 47.99	+2.7101-.0054	-31 34 9.9	+17.992-.182	97.9	2
443	CZ 1138	9.0	45 12.46	+2.6586-.0065	-34 57 22.9	+17.976-.179	97.0	2
444	CZ 1141	9.3	45 19.98	+2.7358-.0047	-29 36 17.2	+17.971-.184	94.5	2
445	CZ 1144	7.5	45 23.95	+2.7365-.0047	-29 32 12.8	+17.969-.185	98.8	2
446	L 536	6.5	45 29.87	+2.5934-.0076	-38 54 27.6	+17.965-.176	97.3	3
447	CZ 1150	8.6	45 34.96	+2.6404-.0068	-36 2 4.0	+17.962-.179	98.9	2
448	CZ 1160	8.8	45 59.03	+2.7401-.0045	-29 8 56.9	+17.946-.186	94.5	2
449	CZ 1172	9.1	46 40.69	+2.7391-.0044	-29 4 32.1	+17.919-.187	97.0	2
450	CZ 1175	6.5	1 46 42.65	+2.7064-.0052	-31 23 59.2	+17.917-.185	97.8	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
451	CZ 1179	9.1	1 47 1.62	+2.7378-.0044	-29 5 50.0	+17.905-.187	94.4	2
452	CZ 1200	8.0	47 38.60	+2.7476-.0040	-28 15 0.8	+17.881-.189	96.9	2
453	CZ 1206	8.1	47 43.97	+2.6790-.0056	-33 2 2.9	+17.877-.184	97.9	2
454	CZ 1212	8.7	48 1.28	+2.8160-.0022	-22 55 42.7	+17.866-.194	94.4	2
455	CZ 1221	7.4	48 9.76	+2.6521-.0061	-34 41 13.8	+17.860-.183	97.0	2
456	CZ 1229	8.7	48 24.63	+2.6408-.0062	-35 20 45.0	+17.850-.183	97.9	2
457	CZ 1232	8.1	48 32.09	+2.6727-.0056	-33 16 10.6	+17.845-.185	97.9	2
458	CZ 1234	8.0	48 37.12	+2.6642-.0058	-33 48 8.7	+17.842-.185	97.9	2
459	CZ 1237	8.4	48 44.00	+2.6716-.0056	-33 18 2.8	+17.837-.186	97.9	2
460	CZ 1244	8.0	49 1.36	+2.6588-.0058	-34 3 24.8	+17.826-.185	97.9	2, 1
461	CZ 1249	8.8	49 20.15	+2.7069-.0047	-30 47 40.0	+17.813-.189	97.0	2
462	CZ 1257	9.0	49 38.99	+2.6533-.0058	-34 16 15.8	+17.800-.186	96.9	2
463	CZ 1275	7.0	50 26.61	+2.7788-.0028	-25 22 50.9	+17.768-.195	98.8	2
464	CZ 1287	8.7	50 49.09	+2.6220-.0062	-35 56 50.9	+17.753-.185	97.9	2
465	CZ 1294	9.0	51 5.28	+2.7556-.0033	-26 58 55.4	+17.742-.195	96.9	2
466	Lal 3590	8.0	51 5.88	+2.8330-.0013	-21 3 1.8	+17.742-.200	98.8	2
467	CZ 1296	7.4	51 17.92	+2.7182-.0042	-29 36 13.3	+17.734-.192	98.9	2
468	CZ 1301	8.2	51 36.03	+2.6059-.0063	-36 44 7.4	+17.721-.185	98.0	2
469	CZ 1306	8.2	51 52.07	+2.6660-.0052	-32 58 30.4	+17.710-.190	98.0	1
470	CZ 1309	7.5	51 57.60	+2.6460-.0055	-34 13 13.1	+17.707-.188	97.9	2
471	Br 267	5.2	51 59.23	+2.8062-.0019	-23 0 54.2	+17.705-.200	97.9	8
472	CZ 1320	7.1	52 7.65	+2.6705-.0050	-32 37 40.0	+17.700-.190	97.9	2
473	CZ 1327	7.8	52 23.53	+2.7642-.0029	-26 6 32.1	+17.689-.197	98.8	2
474	CZ 1332	9.2	52 31.33	+2.7474-.0033	-27 17 54.9	+17.684-.196	97.0	2
475	CZ 1340	8.6	52 39.55	+2.6443-.0054	-34 10 29.5	+17.678-.189	96.9	2
476	CZ 1339	8.0	52 39.75	+2.6849-.0047	-31 34 17.9	+17.678-.192	97.9	2
477	CPD-34° 190	8.1	52 39.76	+2.6402-.0055	-34 25 42.2	+17.678-.189	98.9	2
478	CZ 1355	7.4	53 4.00	+2.6035-.0060	-36 32 47.2	+17.661-.187	98.0	2
479	CZ 1360	8.0	53 20.20	+2.7162-.0039	-29 20 7.4	+17.650-.195	95.3	3
480	CZ 1365	8.7	53 24.00	+2.7433-.0033	-27 25 25.4	+17.647-.197	94.5	2
481	CZ 1389	6.4	54 1.96	+2.6496-.0051	-33 33 10.6	+17.621-.192	97.9	8
482	Lal 3679	7.5	54 12.22	+2.8195-.0012	-21 37 15.3	+17.614-.204	98.8	2
483	GC 1946	7.6	54 20.02	+2.7959-.0019	-23 24 20.9	+17.608-.202	98.9	2
484	CZ 1396	8.7	54 20.18	+2.7469-.0031	-26 59 39.1	+17.608-.199	97.0	2
485	CZ 1395	7.2	54 20.53	+2.7958-.0019	-23 24 25.7	+17.608-.202	98.9	2
486	CZ 1401	9.5	54 23.48	+2.7896-.0020	-23 52 14.7	+17.606-.202	94.5	2
487	Yarn 946	6.7	54 44.50	+2.7469-.0030	-26 55 6.6	+17.591-.200	97.9	8
488	CZ 1411	8.3	54 55.70	+2.7249-.0035	-28 25 36.2	+17.583-.198	97.0	2
489	Br 272	5.6	55 3.93	+2.8218-.0011	-21 18 37.4	+17.577-.205	98.9	2
490	CZ 1425	8.9	55 17.35	+2.6227-.0054	-34 55 32.1	+17.568-.192	98.9	2
491	CZ 1428	8.7	55 19.33	+2.6172-.0055	-35 14 40.7	+17.567-.191	97.9	2
492	CZ 1432	7.8	55 21.82	+2.6058-.0056	-35 54 20.9	+17.565-.191	97.9	2
493	CZ 1433	8.9	55 30.05	+2.7068-.0038	-29 32 42.3	+17.559-.198	97.0	2
494	CZ 1448	9.1	55 51.98	+2.6990-.0039	-29 59 34.4	+17.544-.198	97.0	2
495	CZ 1450	7.8	55 54.25	+2.6590-.0047	-32 34 16.8	+17.542-.195	97.9	2
496	CZ 1460	7.5	56 5.12	+2.7716-.0022	-24 54 13.3	+17.534-.203	98.8	2
497	CZ 1465	9.2	56 7.71	+2.7469-.0028	-26 40 1.8	+17.533-.202	97.0	2
498	CZ 1479	8.4	56 33.29	+2.7253-.0032	-28 5 31.6	+17.514-.201	97.0	2
499	$\pi$ Fornacis	5.4	56 46.90	+2.6889-.0040	-30 28 56.3	+17.505-.199	97.9	8
500	CZ 1486	8.5	1 56 48.97	+2.6963-.0038	-29 59 12.6	+17.503-.199	97.0	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
501	CZ 1503	7.8	1 57 33.44	+2.7734-.0020	-24 31 23.2	+17.472-.206	98.8	2
502	GC 2018	7.0	57 55.29	+2.8009-.0013	-22 26 52.5	+17.456-.208	98.8	2
503	CZ 1518	6.3	57 59.58	+2.6903-.0038	-30 8 52.4	+17.453-.200	98.9	2
504	CZ 1519	8.0	58 1.93	+2.7340-.0028	-27 13 25.2	+17.451-.204	95.3	3
505	CZ 1522	9.2	58 14.39	+2.6874-.0038	-30 17 50.5	+17.442-.201	94.5	2
506	CZ 1521	6.8	58 14.70	+2.7740-.0019	-24 22 1.5	+17.442-.207	98.8	2
507	CZ 1524	7.9	58 16.45	+2.6794-.0039	-30 48 14.8	+17.441-.200	97.0	2
508	CZ 1526	8.5	58 18.39	+2.6791-.0039	-30 48 47.6	+17.439-.200	97.0	2
509	CZ 1568	8.0	1 59 36.17	+2.6400-.0044	-32 59 53.9	+17.383-.199	97.9	2
510	$\nu$ Fornacis	4.7	2 0 0.51	+2.6903-.0035	-29 46 36.0	+17.365-.204	98.0	8
511	CZ 1586	7.7	0 22.07	+2.5902-.0050	-35 45 9.3	+17.349-.197	97.9	2
512	CZ 1597	7.5	0 46.23	+2.7022-.0031	-28 51 25.3	+17.332-.205	98.9	2
513	CZ 1598	7.5	0 46.47	+2.6995-.0032	-29 2 9.9	+17.332-.205	98.9	2
514	CZ 1602	8.3	0 58.32	+2.7608-.0019	-24 51 21.9	+17.323-.210	97.0	3
515	CZ 1604	8.2	1 2.36	+2.7607-.0019	-24 51 9.4	+17.320-.210	97.0	3
516	CZ 1607	9.0	1 3.48	+2.6668-.0038	-31 4 14.4	+17.319-.203	97.0	2
517	CZ 22	9.0	1 51.16	+2.7544-.0019	-25 9 13.6	+17.284-.211	97.0	2, 1
518	L 631	7.7	2 4.42	+2.5028-.0058	-40 0 57.8	+17.274-.193	97.9	7
519	CZ 48	8.0	2 40.94	+2.5912-.0047	-35 13 47.7	+17.247-.200	97.9	2
520	CZ 58	9.0	3 10.19	+2.5801-.0048	-35 44 41.8	+17.225-.200	98.0	2
521	CZ 60	9.0	3 15.89	+2.7530-.0018	-25 1 36.4	+17.221-.213	$\left\{ \begin{smallmatrix} 94.3 \\ 92.6 \end{smallmatrix} \right\}$	2, 1
522	CZ 63	9.0	3 19.56	+2.6118-.0043	-33 55 49.2	+17.218-.202	97.0	2
523	CZ 73	8.2	3 37.54	+2.7069-.0027	-28 2 48.0	+17.205-.210	97.0	2
524	CZ 76	8.7	3 43.22	+2.6885-.0030	-29 12 39.2	+17.201-.209	94.5	2
525	CZ 81	9.0	4 5.07	+2.6904-.0029	-29 1 28.4	+17.184-.209	95.4	3
526	CZ 90	6.9	4 27.41	+2.7729-.0012	-23 27 51.1	+17.167-.216	98.9	2
527	CZ 94	8.2	4 32.42	+2.5650-.0048	-36 17 54.3	+17.164-.200	97.9	2
528	CZ 93	7.5	4 33.24	+2.6371-.0038	-32 13 8.9	+17.163-.206	97.9	2
529	CZ 99*	8.4	4 37.78	+2.5653-.0047	-36 16 1.1	+17.160-.201	97.9	2
530	CZ 104	7.5	4 49.10	+2.6352-.0038	-32 17 0.3	+17.151-.206	97.9	2
531	CZ 107	8.8	4 53.38	+2.6821-.0030	-29 24 34.1	+17.148-.210	97.0	2
532	CZ 109	6.8	4 59.92	+2.7520-.0016	-24 49 5.2	+17.143-.215	98.9	2
533	CZ 117	7.0	5 14.91	+2.6800-.0029	-29 28 48.2	+17.131-.210	97.0	2
534	CZ 125*	8.5	5 37.97	+2.6629-.0032	-30 28 3.4	+17.114-.210	97.3	3
535	CZ 137	8.9	6 2.00	+2.6898-.0027	-28 43 45.8	+17.096-.212	97.0	1
536	CZ 139	8.5	6 6.01	+2.6483-.0034	-31 15 55.5	+17.093-.209	97.9	2
537	CZ 140	7.0	6 12.09	+2.6899-.0026	-28 41 27.6	+17.088-.212	97.5	2
538	CZ 145	7.9	6 19.20	+2.5644-.0045	-35 58 56.1	+17.083-.203	97.9	2
539	CZ 146	8.4	6 25.90	+2.7321-.0018	-25 55 36.9	+17.077-.216	97.4	3
540	CZ 152	8.0	6 32.48	+2.6255-.0036	-32 31 59.7	+17.072-.208	97.9	2
541	CZ 158	8.9	6 46.19	+2.6730-.0029	-29 38 46.0	+17.062-.212	97.0	2
542	CZ 175	8.2	7 34.74	+2.6743-.0027	-29 25 35.2	+17.025-.213	97.0	2
543	CZ 183	8.5	7 39.71	+2.6180-.0036	-32 45 26.7	+17.021-.209	97.9	2
544	GC 2234	6.0	8 21.23	+2.7934-.0003	-21 28 12.7	+16.989-.224	98.9	2
545	$\mu$ Fornacis	5.2	8 30.27	+2.6423-.0031	-31 11 34.2	+16.982-.212	97.9	8
546	CZ 206	8.8	8 31.50	+2.6429-.0031	-31 9 21.1	+16.981-.212	94.5	2
547	CZ 210	7.0	8 34.18	+2.5746-.0040	-35 0 27.6	+16.979-.207	97.9	2
548	A 1154	9.0	8 57.68	+2.6703-.0026	-29 26 17.6	+16.960-.215	97.0	1
549	CZ 217	8.7	8 58.24	+2.6748-.0025	-29 9 25.8	+16.960-.215	97.0	3
550	CZ 225	8.8	2 9 1.06	+2.5375-.0044	-36 52 45.6	+16.958-.205	98.0	2

529 16' 3".5, 15' 58".7.

534 38".19, 37".74, 37".98; first and second observations taken through clouds.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
551	CZ 228	7.5	2 9 3.54	+2.5441-.0043	-36 31 43.8	+16.956-.205	98.0	2
552	CZ 231	7.0	9 10.98	+2.5945-.0037	-33 48 15.0	+16.950-.209	97.9	2
553	CZ 236	8.0	9 50.61	+2.6852-.0023	-28 22 20.7	+16.919-.217	98.9	2
554	CZ 247	7.2	10 26.77	+2.7519-.0010	-24 0 19.1	+16.891-.223	99.0	2
555	CZ 263	8.0	10 54.35	+2.5556-.0039	-35 35 1.9	+16.869-.208	97.9	2
556	CZ 266	8.4	11 0.31	+2.5320-.0042	-36 47 13.8	+16.864-.207	97.9	2
557	CZ 270	7.5	11 7.81	+2.7041-.0018	-26 59 17.2	+16.858-.221	97.0	2
558	CZ 283	7.9	11 40.84	+2.6692-.0023	-29 2 57.2	+16.832-.219	96.7	3
559	CZ 288	8.0	11 48.65	+2.5261-.0041	-36 55 58.5	+16.826-.207	97.9	2
560	CZ 322 <sup>1</sup>	8.6	13 4.12	+2.6289-.0028	-31 11 3.9	+16.766-.217	98.0	2
561	CZ 322 <sup>2</sup>	8.0	13 4.25	+2.6289-.0028	-31 11 1.1	+16.766-.217	98.0	2
562	L 688	6.7	13 5.57	+2.5311-.0039	-36 26 49.8	+16.765-.210	98.0	8
563	CZ 335	7.8	13 29.41	+2.7439-.0008	-24 5 23.5	+16.746-.227	98.9	2
564	CZ 341	8.3	13 40.55	+2.6157-.0028	-31 49 49.3	+16.737-.217	98.0	2
565	CZ 343	8.0	13 52.52	+2.6254-.0027	-31 15 4.2	+16.727-.218	98.9	2
566	CZ 348	8.5	14 9.56	+2.6440-.0024	-30 7 55.3	+16.713-.220	92.0	1
567	Pi 59	6.3	14 29.69	+2.7050-.0014	-26 25 8.0	+16.697-.225	98.0	8
568	CZ 370	9.1	15 15.63	+2.6734-.0018	-28 12 59.5	+16.660-.224	97.0	2
569	CZ 374	7.0	15 19.10	+2.4606-.0042	-39 26 15.1	+16.657-.207	97.0	1
570	CZ 376	8.0	15 23.34	+2.5690-.0032	-34 4 46.0	+16.654-.216	96.5	2
571	CZ 385	8.1	15 35.47	+2.5329-.0035	-35 54 20.0	+16.644-.213	98.0	2
572	CZ 409	7.6	16 35.70	+2.4543-.0040	-39 29 29.2	+16.595-.210	97.5	2
573	GC 2407	8.9	16 45.36	+2.5594-.0031	-34 20 42.7	+16.587-.217	97.0	2
574	CZ 418	8.8	16 58.32	+2.6136-.0025	-31 23 39.1	+16.576-.222	97.5	2
575	CZ 430	8.0	17 35.04	+2.6402-.0020	-29 48 13.2	+16.546-.224	97.0	2
576	CZ 431	7.0	17 36.06	+2.6657-.0017	-28 19 6.9	+16.545-.226	97.0	2
577	CZ 433	8.0	17 40.54	+2.7098-.0010	-25 39 15.0	+16.541-.230	97.0	2
578	CZ 444	8.2	17 55.48	+2.5114-.0034	-36 33 43.4	+16.529-.214	97.9	1
579	$\kappa$ Fornacis	5.4	17 58.00	+2.7314-.0006	-24 16 14.2	+16.527-.233	98.0	9
580	CZ 447	8.6	18 3.57	+2.5732-.0028	-33 24 29.4	+16.522-.220	99.0	2
581	CZ 468	8.0	18 35.08	+2.6005-.0024	-31 51 20.5	+16.496-.222	97.9	2
582	CZ 472	8.5	18 38.10	+2.5010-.0034	-36 56 30.2	+16.494-.214	97.9	2
583	CZ 474	8.4	18 45.78	+2.6424-.0019	-29 29 39.6	+16.487-.226	97.0	2
584	CZ 477	6.9	18 52.51	+2.6274-.0021	-30 19 15.5	+16.482-.225	94.5	2
585	CZ 478	7.0	18 55.63	+2.6771-.0014	-27 26 55.0	+16.479-.229	94.4	2
586	CZ 482	6.5	18 59.04	+2.4768-.0036	-38 1 48.8	+16.477-.213	97.1	2
587	CZ 488	8.2	19 19.23	+2.6373-.0019	-29 41 46.1	+16.460-.227	97.3	3
588	CZ 491	9.3	19 26.04	+2.6328-.0019	-29 56 5.6	+16.454-.226	97.0	1
589	CZ 493	8.8	19 34.06	+2.6332-.0019	-29 53 17.1	+16.447-.226	97.1	2
590	CZ 504	6.8	19 50.55	+2.6941-.0010	-26 18 4.4	+16.434-.232	99.0	2
591	CZ 514	8.2	20 20.22	+2.6450-.0017	-29 6 10.7	+16.409-.228	97.0	2
592	CZ 518	9.0	20 26.24	+2.5298-.0030	-35 13 53.6	+16.404-.219	99.0	2
593	CZ 534	8.0	20 48.13	+2.5059-.0031	-36 20 9.9	+16.385-.217	97.9	2
594	GC 2503	8.0	20 48.69	+2.7573+.0003	-22 15 36.0	+16.385-.239	98.9	2
595	CZ 539	9.0	21 1.10	+2.6273-.0018	-29 59 52.5	+16.374-.228	94.5	2
596	CZ 545	8.0	21 13.90	+2.5416-.0027	-34 30 14.4	+16.364-.221	97.9	2
597	CZ 547	8.5	21 18.83	+2.5850-.0023	-32 14 59.2	+16.359-.225	97.9	2
598	CZ 546	8.0	21 19.90	+2.7238-.0004	-24 17 37.0	+16.359-.237	99.0	2
599	CZ 551	9.0	21 24.64	+2.6402-.0016	-29 12 36.5	+16.354-.230	94.5	2
600	CZ 552	8.2	2 21 43.68	+2.7222-.0004	-24 19 59.5	+16.338-.237	96.9	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
601	CZ 558	8.6	2 21 56.44	+2.6320-.0016	-29 35 32.3	+16.328-.230	97.0	2
602	CZ 563	8.0	22 12.12	+2.7360-.0001	-23 25 15.7	+16.314-.239	94.5	2
603	CZ 580	9.0	22 46.23	+2.4914-.0030	-36 41 54.7	+16.286-.219	98.9	2
604	CZ 587	8.9	23 3.40	+2.6559-.0012	-28 4 40.1	+16.271-.233	97.0	2, 1
605	CZ 597	8.0	23 28.60	+2.5375-.0025	-34 20 43.3	+16.249-.224	97.9	2
606	CZ 595	8.7	23 29.35	+2.6175-.0017	-30 9 39.5	+16.249-.230	97.0	2
607	CZ 598	8.5	23 32.47	+2.6340-.0015	-29 14 41.3	+16.246-.232	94.4	2
608	CZ 602	7.4	23 38.88	+2.6036-.0018	-30 53 21.4	+16.241-.230	99.0	2
609	CZ 603	7.8	23 40.41	+2.4787-.0030	-37 8 31.2	+16.239-.219	98.9	2
610	φ Fornacis	5.2	23 47.77	+2.5382-.0025	-34 15 32.5	+16.233-.224	98.0	8
611	CZ 606	7.5	23 48.14	+2.6749-.0009	-26 52 45.4	+16.233-.236	99.0	2
612	CZ 616	7.0	24 7.77	+2.4847-.0029	-36 47 21.7	+16.216-.220	98.1	2
613	CZ 622	6.3	24 16.88	+2.5895-.0019	-31 32 56.6	+16.208-.229	98.1	2
614	CZ 629	8.4	24 41.22	+2.6558-.0010	-27 51 11.3	+16.187-.235	96.7	3
615	A 1305	6.9	24 41.44	+2.7622+.0009	-21 28 59.8	+16.187-.244	99.0	2
616	CZ 631	8.3	24 48.63	+2.6581-.0010	-27 42 15.1	+16.181-.236	97.0	3
617	CZ 639	7.0	25 0.19	+2.7116-.0002	-24 33 3.4	+16.171-.241	97.0	3
618	CZ 644	7.9	25 13.25	+2.4894-.0027	-36 23 12.0	+16.159-.222	98.0	2
619	CZ 648	9.3	25 17.96	+2.4847-.0027	-36 35 40.3	+16.155-.221	98.1	2
620	Pi 104	7.0	25 21.35	+2.7343+.0002	-23 7 43.1	+16.152-.243	96.9	2
621	CZ 655	9.4	25 39.78	+2.6111-.0015	-30 11 16.6	+16.137-.233	92.0	1
622	Pi 106	6.6	25 43.97	+2.6918-.0004	-25 37 55.7	+16.133-.240	97.9	8
623	Pi 107	7.0	25 59.16	+2.7354+.0003	-22 59 19.9	+16.120-.244	97.0	1
624	CZ 666	8.2	26 0.40	+2.5453-.0022	-33 33 10.6	+16.119-.227	98.9	2
625	CZ 680	7.8	26 32.08	+2.5457-.0021	-33 27 4.4	+16.091-.228	97.9	2
626	CZ 679	8.9	26 35.38	+2.6886-.0004	-25 42 9.0	+16.088-.241	97.0	2
627	CZ 695	7.5	27 8.56	+2.6480-.0009	-27 56 52.7	+16.059-.238	99.0	2
628	CZ 699	8.2	27 15.86	+2.5626-.0019	-32 29 16.7	+16.053-.231	97.8	2
629	CZ 701	8.0	27 27.76	+2.7235+.0002	-23 31 36.8	+16.043-.245	99.0	2
630	CZ 714	7.8	27 49.10	+2.6412-.0009	-28 13 56.7	+16.024-.238	99.0	2
631	CZ 717	8.2	27 55.96	+2.5496-.0019	-33 2 53.8	+16.018-.230	96.5	2
632	CZ 718	7.6	28 4.51	+2.6547-.0007	-27 26 40.8	+16.010-.240	99.0	2
633	CZ 720	9.0	28 6.75	+2.7059-.0000	-24 29 40.2	+16.008-.244	94.5	2
634	CZ 721	6.2	28 7.55	+2.4689-.0025	-36 52 10.1	+16.008-.223	97.9	2
635	CZ 727	8.9	28 40.38	+2.6486-.0007	-27 42 15.8	+15.979-.240	97.0	2
636	L 781	5.9	28 56.84	+2.5044-.0022	-35 5 23.7	+15.964-.228	98.0	8
637	CZ 741	8.3	28 59.91	+2.5640-.0017	-32 9 33.7	+15.962-.233	97.9	2
638	CZ 746	8.8	29 7.74	+2.6775-.0003	-26 1 4.6	+15.955-.243	94.5	2
639	CZ 756	8.0	29 22.97	+2.5407-.0018	-33 15 56.8	+15.941-.231	98.0	2
640	CZ 758	8.0	29 27.19	+2.6291-.0009	-28 40 23.9	+15.937-.239	97.0	2
641	ω Fornacis	4.9	29 27.94	+2.6290-.0009	-28 40 19.1	+15.937-.239	97.0	2
642	CZ 760	7.5	29 29.63	+2.5971-.0013	-30 22 28.3	+15.935-.237	97.0	2
643	CZ 767	8.4	29 39.81	+2.5524-.0017	-32 38 20.4	+15.926-.233	98.9	2
644	CZ 769	7.3	29 54.29	+2.5652-.0016	-31 57 41.7	+15.914-.234	97.9	2
645	CZ 771	8.0	29 56.28	+2.5332-.0018	-33 33 12.3	+15.912-.231	97.9	2
646	GC 2704	6.5	30 2.26	+2.7378+.0007	-22 21 58.8	+15.906-.250	99.0	2
647	CZ 772	8.5	30 7.35	+2.7172+.0004	-23 34 52.7	+15.902-.248	94.5	2
648	CZ 776	8.1	30 10.29	+2.6786-.0002	-25 49 3.7	+15.899-.245	96.6	2
649	GC 2716	8.6	30 14.62	+2.5171-.0019	-34 17 8.3	+15.895-.230	99.0	2
650	CZ 795	7.6	2 30 49.37	+2.6170-.0009	-29 8 6.3	+15.864-.240	99.0	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
651	CZ 807	8.5	2 31 18.82	+2.6526-.0004	-27 7 58.6	+15.838-.244	97.0	2
652	GC 2739	6.8	31 24.98	+2.7439+.0009	-21 50 25.4	+15.833-.252	99.0	2
653	GC 2741	8.6	31 26.08	+2.7439+.0009	-21 50 27.0	+15.832-.252	99.0	2
654	CZ 809	8.3	31 29.24	+2.7080+.0003	-23 57 28.7	+15.829-.249	97.0	2
655	A 1374	8.0	31 42.85	+2.7441+.0009	-21 47 54.0	+15.817-.252	99.0	1
656	CZ 819	8.4	31 45.56	+2.6103-.0009	-29 21 45.0	+15.814-.241	94.5	2
657	L 798	5.8	31 50.61	+2.5887-.0011	-30 28 50.4	+15.810-.239	97.9	8
658	CZ 828*	10.0	32 7.76	+2.4618-.0021	-36 33 54.0	+15.794-.228	98.5	2
659	CZ 830	8.0	32 20.24	+2.6802.0000	-25 27 24.8	+15.783-.248	97.0	2, 1
660	CZ 848	7.5	32 39.66	+2.4668-.0020	-36 15 44.8	+15.766-.229	98.0	2
661	CZ 849	7.0	32 44.13	+2.6064-.0008	-29 25 39.9	+15.762-.242	98.9	2
662	GC 2773	9.0	32 44.15	+2.5336-.0015	-33 7 17.6	+15.762-.235	96.6	2
663	CZ 853	7.5	32 45.49	+2.4776-.0019	-35 45 15.2	+15.760-.230	98.1	2
664	L 805	5.8	32 49.52	+2.4936-.0018	-35 0 18.2	+15.757-.231	97.0	2
665	CZ 867	8.3	33 5.79	+2.3937-.0023	-39 21 1.7	+15.742-.223	97.0	2
666	L 803	6.6	33 13.04	+2.7137+.0006	-23 25 36.5	+15.735-.252	97.9	8
667	CZ 875	8.8	33 28.76	+2.7279+.0008	-22 33 51.6	+15.721-.254	97.0	2
668	CZ 881	8.5	33 32.32	+2.4564-.0020	-36 35 33.7	+15.718-.229	98.0	2
669	CZ 887	8.0	33 42.40	+2.5100-.0016	-34 6 39.2	+15.709-.234	98.0	2
670	L 811	5.8	33 59.89	+2.5801-.0010	-30 37 28.6	+15.693-.241	97.0	1
671	CZ 912	8.0	34 28.39	+2.6625.0000	-26 10 28.9	+15.667-.249	97.0	2
672	CZ 918	7.0	34 29.17	+2.5707-.0010	-31 1 52.9	+15.666-.241	97.9	2
673	CZ 920	8.5	34 37.96	+2.6874+.0003	-24 46 7.8	+15.658-.251	97.0	2
674	CZ 923	7.2	34 42.85	+2.6238-.0005	-28 15 5.6	+15.654-.246	98.9	2
675	CZ 922	8.6	34 43.23	+2.6517-.0002	-26 44 34.9	+15.654-.248	94.5	2
676	CZ 938	8.3	35 26.59	+2.4867-.0016	-34 56 25.3	+15.614-.234	97.9	2
677	CZ 943	8.2	35 37.12	+2.4996-.0015	-34 19 9.4	+15.604-.235	99.0	2
678	CZ 946	7.0	35 39.57	+2.4747-.0016	-35 27 17.4	+15.602-.233	98.0	2
679	CZ 950	6.6	35 46.04	+2.5666-.0010	-31 3 42.7	+15.596-.242	97.9	2
680	CZ 954	7.2	36 2.57	+2.6881+.0004	-24 33 55.5	+15.581-.253	99.0	2
681	CZ 966	7.6	36 15.56	+2.5484-.0011	-31 53 47.3	+15.569-.241	98.0	2
682	CZ 965	8.0	36 16.76	+2.5751-.0008	-30 34 0.3	+15.568-.243	96.5	2
683	CZ 969	7.8	36 27.80	+2.4390-.0018	-36 55 24.5	+15.558-.231	98.1	2
684	ε Eridani	4.1	36 43.26	+2.3569-.0020	-40 17 0.5	+15.544-.224	97.9	8
685	CZ 985	9.4	37 21.36	+2.5688-.0008	-30 44 21.1	+15.508-.244	95.4	3
686	CZ 1000	8.5	37 35.16	+2.5663-.0008	-30 49 54.4	+15.496-.244	94.5	2
687	CZ 1008	8.5	37 46.61	+2.6251-.0002	-27 47 17.1	+15.485-.250	97.0	2
688	CZ 1012	8.5	37 54.60	+2.4718-.0014	-35 15 35.8	+15.478-.236	99.0	2
689	L 841	6.5	38 7.69	+2.3883-.0018	-38 48 37.7	+15.466-.228	97.9	8, 7
690	CZ 1032	7.0	38 29.75	+2.6083-.0003	-28 34 36.0	+15.445-.249	98.9	2
691	CZ 1045	7.5	38 48.61	+2.5496-.0008	-31 29 37.4	+15.427-.244	98.0	2
692	CZ 1051	8.5	39 12.07	+2.6576+.0003	-25 52 28.2	+15.406-.254	97.0	2
693	CZ 1052	6.8	39 15.72	+2.4841-.0012	-34 30 57.8	+15.402-.238	97.0	2
694	CZ 1056*	7.8	39 23.92	+2.6110-.0002	-28 19 26.4	+15.395-.250	99.0	2
695	CZ 1061	6.8	39 29.18	+2.5061-.0011	-33 28 11.7	+15.390-.241	98.0	2
696	CZ 1063	8.5	39 37.47	+2.6000-.0003	-28 51 42.3	+15.382-.250	93.6	3
697	CZ 1065	9.2	39 47.67	+2.6555+.0003	-25 55 24.2	+15.372-.255	97.0	2
698	CZ 1066	7.6	39 47.81	+2.6555+.0003	-25 55 12.7	+15.372-.255	97.0	3
699	CZ 1071	8.1	39 50.15	+2.5024-.0011	-33 35 43.8	+15.370-.241	98.0	2
700	L 855	6.0	2 40 8.83	+2.5154-.0009	-32 56 50.3	+15.352-.242	97.8	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
701	CZ 1083	7.5	2 40 9.71	+2.4310-.0014	-36 43 50.2	+15.352-.234	97.9	2
702	CZ 1088	7.2	40 29.99	+2.7143+.0011	-22 35 9.9	+15.333-.261	98.9	2
703	CZ 1100	8.5	41 17.53	+2.5672-.0004	-30 18 7.8	+15.288-.249	97.0	2
704	CZ 1106	7.0	41 28.29	+2.4824-.0010	-34 17 7.5	+15.278-.241	97.9	2
705	CZ 1111	8.0	41 32.46	+2.4820-.0010	-34 17 43.3	+15.274-.241	97.9	2
706	CZ 1113	7.6	41 39.60	+2.5540-.0005	-30 54 3.1	+15.267-.248	97.0	2
707	GC 2953	6.9	41 53.30	+2.7207+.0013	-22 4 56.2	+15.254-.264	99.0	2
708	CZ 1130	9.3	42 7.62	+2.6055.0000	-28 16 23.8	+15.240-.253	96.5	2
709	GC 2962	6.4	42 12.43	+2.7206+.0014	-22 3 34.7	+15.236-.264	98.9	2
710	CZ 1133	9.0	42 15.06	+2.4566-.0011	-35 19 47.6	+15.233-.239	97.8	2
711	CZ 1141	7.8	42 23.96	+2.5088-.0008	-32 57 11.5	+15.225-.244	99.0	2
712	CZ 1146	6.5	42 40.86	+2.7046+.0012	-22 54 12.5	+15.209-.263	99.0	2
713	CZ 1152	9.0	42 56.99	+2.6136+.0001	-27 45 24.6	+15.194-.255	94.4	2
714	L 879	6.2	43 30.34	+2.4379-.0011	-35 58 3.0	+15.162-.239	97.0	2
715	CZ 1168	8.0	43 31.13	+2.6607+.0007	-25 12 57.4	+15.161-.260	97.0	3
716	CZ 1169	7.8	43 33.69	+2.6362+.0004	-26 30 38.4	+15.159-.258	95.4	3
717	CZ 1173	8.4	43 50.02	+2.5100-.0006	-32 42 15.8	+15.143-.246	98.9	2
718	CZ 1175	7.2	43 56.26	+2.5283-.0005	-31 50 17.2	+15.137-.248	98.0	2
719	A 1495	9.0	43 59.35	+2.6912+.0011	-23 30 32.6	+15.134-.264	97.0	2
720	CPD-37° 295	8.4	44 7.64	+2.4018-.0011	-37 24 0.1	+15.126-.236	99.0	2
721	CZ 1188	6.8	44 23.60	+2.4756-.0008	-34 11 54.8	+15.111-.244	98.0	2
722	$\beta$ Fornacis	4.5	44 54.33	+2.5044-.0006	-32 49 34.2	+15.081-.247	97.9	9
723	CZ 1208	8.2	45 6.80	+2.5045-.0006	-32 47 39.1	+15.069-.247	98.0	2
724	CZ 1210	8.0	45 11.69	+2.5378-.0004	-31 13 43.5	+15.065-.250	98.0	2
725	CZ 1211	9.0	45 15.38	+2.5723-.0001	-29 33 19.8	+15.061-.254	99.0	2
726	CZ 1215	6.7	45 25.21	+2.6614+.0008	-24 58 16.0	+15.052-.263	97.0	2
727	$\gamma$ Fornacis	5.4	45 34.24	+2.5956+.0002	-28 21 25.0	+15.043-.256	98.0	9, 8
728	L 897	5.8	46 12.17	+2.4224-.0009	-36 15 28.8	+15.006-.241	98.0	8, 7
729	CZ 1239	7.5	46 20.86	+2.6880+.0012	-23 26 26.0	+14.998-.266	98.9	2
730	L 899	5.5	46 37.97	+2.4251-.0008	-36 5 14.5	+14.981-.240	98.0	2
731	CZ 1257	7.0	47 7.91	+2.5406-.0002	-30 50 53.2	+14.952-.253	99.0	2
732	CZ 1255	9.0	47 8.93	+2.6649+.0010	-24 35 57.6	+14.951-.265	<sup>{96.5}</sup> <sub>{96.4}</sub>	2, 3
733	CZ 1259	9.2	47 11.38	+2.5818+.0002	-28 51 20.6	+14.949-.257	94.5	2
734	L 903	6.5	47 42.18	+2.5312-.0002	-31 13 43.0	+14.919-.253	97.9	8
735	CZ 1289	8.4	48 8.87	+2.4721-.0005	-33 51 39.8	+14.893-.248	96.5	2
736	CZ 1291	8.2	48 12.85	+2.5892+.0003	-28 22 4.7	+14.889-.259	98.9	2
737	CZ 1290	8.5	48 13.50	+2.6139+.0006	-27 7 52.1	+14.888-.262	95.4	3
738	CZ 1294	8.5	48 28.56	+2.5130-.0002	-31 58 29.5	+14.874-.252	96.5	2
739	CZ 1301	6.6	48 48.16	+2.7008+.0015	-22 29 56.6	+14.855-.271	99.0	2
740	CZ 1308	8.4	48 52.37	+2.5155-.0002	-31 48 46.5	+14.850-.253	97.9	2
741	CZ 1313	6.5	49 5.10	+2.6951+.0015	-22 46 56.5	+14.838-.270	98.9	2
742	CZ 1317	8.0	49 5.95	+2.4324-.0006	-35 27 1.8	+14.837-.245	97.9	2
743	CZ 1320	8.2	49 10.90	+2.4452-.0005	-34 53 58.8	+14.832-.246	99.0	2
744	CZ 1322	8.4	49 18.53	+2.6226+.0007	-26 33 49.0	+14.825-.264	<sup>{96.5}</sup> <sub>{96.4}</sub>	2, 3
745	CZ 1353	9.0	50 22.62	+2.6316+.0009	-25 59 25.5	+14.762-.266	96.5	2
746	CZ 1359	6.8	50 24.62	+2.5226+.0001	-31 17 50.7	+14.760-.255	99.0	2
747	CZ 1366	8.2	50 35.28	+2.4769-.0003	-33 20 30.1	+14.749-.251	97.8	2
748	CZ 1371	6.2	50 43.17	+2.4631-.0004	-33 55 51.9	+14.741-.250	97.8	2
749	CZ 1379	7.0	51 5.66	+2.6356+.0010	-25 42 29.5	+14.719-.267	98.9	2
750	CZ 1385	8.8	2 51 22.72	+2.6271+.0009	-26 6 48.8	+14.702-.267	94.4	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
751	CZ 1387	8.5	2 51 31.06	+2.4126-.0004	-35 57 59.8	+14.694-.245	97.9	2
752	CZ 1390	7.2	51 45.63	+2.6166+.0008	-26 36 16.9	+14.679-.266	99.0	2
753	CZ 1394	8.5	51 57.43	+2.6533+.0012	-24 42 26.6	+14.668-.270	97.0 {97.0} {96.7}	2, 3
754	CZ 1414	7.8	52 45.72	+2.3807-.0004	-37 6 8.2	+14.619-.244	99.0	2
755	CZ 1415	6.5	52 47.30	+2.4132-.0003	-35 46 49.5	+14.618-.247	98.0	2
756	GC 3179	7.9	52 49.12	+2.6386+.0011	-25 22 35.7	+14.616-.269	96.7	3
757	GC 3182	7.0	52 50.51	+2.6387+.0011	-25 22 15.0	+14.615-.269	96.7	3
758	CZ 1419	7.8	52 53.48	+2.3904-.0004	-36 41 58.2	+14.612-.245	98.1	2
759	Br 418	5.4	52 56.95	+2.6599+.0014	-24 15 47.2	+14.608-.272	98.0	8
760	CZ 1420	6.5	52 59.20	+2.5384+.0003	-30 15 26.0	+14.606-.260	99.0	2
761	CZ 1426	8.0	53 13.98	+2.3859-.0004	-36 50 6.4	+14.591-.245	98.1	2
762	CZ 1429	8.8	53 21.78	+2.5835+.0007	-28 4 6.4	+14.584-.264	97.0	2
763	L 945	5.9	53 38.73	+2.3395-.0004	-38 35 33.1	+14.567-.241	97.9	8
764	Br 421	6.0	53 38.80	+2.6636+.0014	-24 0 29.9	+14.566-.273	99.0	2
765	CZ 1451	8.5	54 12.87	+2.4618-.0001	-33 33 8.7	+14.532-.253	99.0	2
766	$\theta^1$ Eridani	3.4	54 28.23	+2.2794-.0003	-40 42 19.1	+14.517-.235	97.9	10
767	$\theta^2$ Eridani	4.4	54 29.04	+2.2794-.0003	-40 42 21.2	+14.516-.235	98.0	1
768	CZ 1467	6.2	54 51.02	+2.5542+.0005	-29 18 17.5	+14.494-.263	97.0	2
769	CZ 1471	6.5	54 57.76	+2.4354-.0001	-34 35 16.4	+14.487-.251	98.0	2
770	CZ 1475	8.0	55 3.47	+2.4650 .0000	-33 18 42.5	+14.481-.255	97.0	2
771	$\zeta$ Fornacis	5.6	55 11.99	+2.6279+.0012	-25 40 28.9	+14.473-.271	98.3	3
772	CZ 1479	8.7	55 16.50	+2.6649+.0016	-23 46 46.8	+14.468-.275	97.0	2
773	L 953	6.1	55 30.94	+2.4732+.0001	-32 54 19.7	+14.454-.256	98.0	8
774	A 1609	8.0	55 39.38	+2.7131+.0021	-21 11 56.9	+14.445-.280	99.0	2
775	CZ 1494	8.2	55 52.39	+2.5693+.0007	-28 28 36.3	+14.432-.266	96.5	2
776	A 1612	7.2	56 16.87	+2.7141+.0022	-21 5 23.8	+14.407-.281	99.0	2
777	CZ 1505	7.9	56 26.02	+2.5773+.0008	-28 2 5.2	+14.398-.268	98.9	2
778	CZ 1507	8.8	56 32.15	+2.6711+.0017	-23 20 12.8	+14.392-.277	96.5	2
779	CZ 1512	8.2	56 32.72	+2.4164 .0000	-35 11 9.8	+14.391-.251	98.0	2
780	CZ 1516	7.4	56 45.54	+2.5182+.0004	-30 45 22.8	+14.378-.262	99.0	2
781	CZ 1524	7.2	56 57.96	+2.4553+.0001	-33 30 21.3	+14.365-.256	98.0	2
782	CZ 1523	8.0	56 59.71	+2.5791+.0009	-27 53 17.3	+14.364-.268	94.0	2
783	CZ 1525	8.2	57 5.11	+2.4532+.0002	-33 34 45.9	+14.358-.256	97.9	2
784	CZ 1526	8.0	57 10.68	+2.5588+.0007	-28 49 50.3	+14.352-.266	97.0	2
785	$\epsilon$ Fornacis	5.9	57 18.88	+2.5661+.0008	-28 28 26.0	+14.344-.267	97.0	2
786	CZ 1540	8.8	57 44.02	+2.6192+.0013	-25 51 2.2	+14.318-.273	97.1	2
787	Br 434	4.2	57 59.02	+2.6552+.0016	-24 0 58.5	+14.303-.277	97.9	8
788	Lal 5684	7.6	58 26.08	+2.6889+.0020	-22 14 17.3	+14.275-.281	99.0	2
789	CZ 1561	8.8	58 31.08	+2.6278+.0014	-25 21 2.5	+14.270-.275	96.5	2
790	Lal 5706	7.8	2 59 15.85	+2.6968+.0021	-21 45 6.1	+14.224-.283	99.0	2
791	CZ 1597	8.9	3 0 7.85	+2.6354+.0016	-24 48 39.6	+14.171-.278	95.0	3
792	CZ 1598	9.0	0 13.43	+2.6331+.0016	-24 55 16.7	+14.165-.278	95.3	3
793	CZ 1604	7.2	0 22.50	+2.6074+.0013	-26 10 4.5	+14.156-.275	98.9	2
794	CZ 1611	8.6	0 38.85	+2.4584+.0004	-32 56 45.8	+14.139-.260	97.9	2
795	CZ 1612	8.8	0 49.04	+2.6341+.0016	-24 48 41.6	+14.128-.278	95.4	3
796	CPD-30° 385	9.3	1 50.06	+2.5060+.0007	-30 44 32.5	+14.065-.266	96.5	2
797	A 1681	9.1	1 58.62	+2.5649+.0011	-28 2 29.7	+14.056-.273	95.4	3
798	CZ 48	7.2	2 28.43	+2.5128+.0008	-30 22 20.4	+14.025-.268	98.9	2
799	CZ 61	9.0	2 54.20	+2.5879+.0013	-26 51 50.8	+13.998-.276	96.5	2
800	CZ 65	8.9	3 2 58.57	+2.5884+.0013	-26 49 52.8	+13.994-.276	97.0	1



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
801	CZ 73	8.0	3 3 7.07	+2.4568+.0006	-32 44 9.0	+13.985-.262	97.9	2
802	CZ 76	8.6	3 17.68	+2.6690+.0021	-22 50 15.7	+13.974-.285	96.5	2
803	Pi 267	6.3	3 34.52	+2.5577+.0012	-28 12 52.6	+13.956-.274	97.9	8
804	CZ 85	7.5	3 46.54	+2.5024+.0008	-30 41 50.0	+13.943-.268	99.0	2
805	CZ 90	8.2	3 54.18	+2.4715+.0007	-32 1 26.3	+13.935-.265	98.0	2
806	CZ 103	7.8	4 28.89	+2.6178+.0017	-25 16 25.8	+13.899-.281	98.9	2
807	CZ 112	6.6	4 44.98	+2.3767+.0005	-35 48 42.5	+13.882-.256	95.4	3
808	CZ 116	7.5	4 55.54	+2.5788+.0014	-27 5 50.4	+13.871-.277	96.5	4
809	CZ 117	8.6	4 57.38	+2.6350+.0018	-24 23 14.4	+13.869-.283	95.0	3
810	CZ 134	7.6	5 26.00	+2.4768+.0008	-31 38 6.0	+13.839-.267	97.8	2
811	CZ 153	6.4	6 11.09	+2.6383+.0019	-24 7 6.9	+13.791-.285	99.0	2
812	CZ 160	8.3	6 12.20	+2.3852+.0006	-35 18 41.7	+13.790-.258	97.8	2
813	CZ 164	8.8	6 16.68	+2.4058+.0006	-34 29 24.1	+13.785-.260	99.0	2
814	CZ 168	7.0	6 24.28	+2.4316+.0007	-33 25 44.3	+13.777-.263	97.9	2
815	CZ 172	8.4	6 37.13	+2.3934+.0006	-34 56 41.7	+13.764-.260	97.9	2
816	CZ 187	8.2	7 3.65	+2.4532+.0008	-32 27 48.3	+13.735-.266	97.9	2
817	CZ 201	7.0	7 36.86	+2.5196+.0012	-29 32 15.6	+13.700-.274	98.9	2
818	GC 3459	6.5	7 45.43	+2.6979+.0026	-20 59 46.4	+13.691-.293	99.0	2
819	CZ 211	8.6	7 49.08	+2.4344+.0008	-33 9 26.0	+13.687-.265	99.0	2
820	$\alpha$ Fornacis	4.0	7 49.32	+2.5226+.0012	-29 22 53.9	+13.687-.275	98.0	8
821	CZ 219	9.0	8 4.57	+2.6499+.0021	-23 22 51.8	+13.671-.288	96.5	2
822	CZ 225	8.4	8 12.65	+2.3810+.0007	-35 15 31.6	+13.662-.260	98.1	2
823	CZ 226	8.6	8 15.48	+2.4593+.0009	-32 4 40.6	+13.659-.268	96.5	2
824	CZ 229	7.0	8 25.93	+2.4422+.0009	-32 46 22.1	+13.648-.267	98.0	2
825	CZ 233	7.2	8 30.23	+2.4722+.0010	-31 30 16.6	+13.643-.270	98.0	2
826	CZ 250	7.0	9 6.40	+2.5517+.0015	-27 56 54.8	+13.604-.279	98.9	2
827	CZ 253	6.8	9 6.43	+2.3508+.0008	-36 19 4.5	+13.604-.258	97.8	2
828	CPD-37° 347	8.6	9 9.95	+2.3234+.0007	-37 20 10.4	+13.601-.254	99.0	2
829	CZ 254	8.0	9 11.49	+2.5204+.0013	-29 20 47.4	+13.599-.276	96.4	3
830	CZ 263	9.2	9 23.21	+2.5276+.0013	-29 0 12.0	+13.586-.277	97.1	2
831	L 1015	6.8	9 27.73	+2.5008+.0012	-30 10 38.9	+13.582-.274	99.0	2
832	CZ 268	9.0	9 35.40	+2.6207+.0020	-24 40 14.5	+13.573-.287	97.1	2
833	CZ 276	8.0	9 50.47	+2.4281+.0010	-33 12 8.6	+13.557-.267	98.0	2
834	Brisb 508	6.8	10 3.53	+2.2692+.0008	-39 10 50.8	+13.543-.250	97.9	8
835	CZ 287	8.6	10 25.49	+2.5736+.0017	-26 49 14.1	+13.520-.283	96.6	2
836	CZ 296	9.0	10 42.08	+2.6263+.0021	-24 18 33.8	+13.502-.289	96.5	2
837	CZ 297	6.8	10 42.21	+2.5806+.0017	-26 28 14.8	+13.502-.284	98.9	2
838	L 1020	6.7	10 44.15	+2.3564+.0008	-35 55 45.7	+13.499-.260	98.0	8
839	CZ 305	8.2	10 48.70	+2.4108+.0010	-33 47 59.7	+13.495-.266	98.1	2
840	CZ 314	9.2	11 20.04	+2.5374+.0015	-28 22 42.2	+13.461-.280	96.5	2
841	CPD-37° 353	9.0	11 25.26	+2.3146+.0009	-37 24 42.7	+13.455-.256	98.9	2
842	CZ 325	7.6	11 30.65	+2.3729+.0009	-35 12 47.0	+13.449-.262	98.1	2
843	CZ 322	9.0	11 32.55	+2.5726+.0017	-26 45 41.0	+13.447-.284	96.4	3
844	CZ 323	8.8	11 32.87	+2.5703+.0017	-26 52 10.1	+13.447-.284	95.0	3
845	L 1034	6.4	12 3.98	+2.4710+.0012	-31 11 47.2	+13.413-.273	97.9	8
846	L 1045	6.5	12 37.60	+2.3476+.0010	-36 3 33.2	+13.377-.260	98.0	2
847	CZ 363	6.8	12 49.23	+2.4567+.0012	-31 43 7.3	+13.364-.273	97.9	2
848	CZ 364	6.8	12 54.24	+2.6312+.0022	-23 53 14.4	+13.358-.292	98.9	2
849	A 1797	8.6	13 31.90	+2.6516+.0024	-22 50 49.5	+13.318-.295	96.5	2
850	CZ 384	7.6	3 13 33.43	+2.5696+.0018	-26 43 5.2	+13.316-.286	99.0	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
851	CZ 391	5.9	3 13 49.91	+2.5144+.0015	-29 9 43.0	+13.298-.280	99.0	2
852	Br 466	5.0	13 56.87	+2.6504+.0024	-22 52 36.0	+13.290-.295	99.0	2
853	CZ 397	8.6	14 4.02	+2.6170+.0022	-24 28 0.2	+13.283-.291	96.5	2
854	CZ 415	8.7	14 44.86	+2.3556+.0011	-35 31 52.9	+13.238-.264	97.8	2
855	CPD-36° 344	8.2	14 59.67	+2.3293+.0011	-36 29 26.1	+13.222-.261	99.0	2
856	Br 469	4.0	15 4.10	+2.6641+.0026	-22 7 18.4	+13.217-.298	98.0	8
857	CZ 424	6.0	15 13.29	+2.6146+.0022	-24 29 6.4	+13.207-.292	98.9	2
858	CZ 432	7.3	15 21.83	+2.3584+.0011	-35 21 58.4	+13.197-.264	97.8	2
859	CZ 435	7.7	15 31.00	+2.3158+.0011	-36 55 46.2	+13.187-.260	98.0	2
860	CZ 437	9.0	15 39.98	+2.3832+.0012	-34 23 8.1	+13.177-.267	98.1	1
861	CZ 441	7.0	15 49.79	+2.5089+.0016	-29 12 50.0	+13.167-.281	94.0	2
862	CZ 445	7.5	15 59.14	+2.3826+.0012	-34 22 24.3	+13.156-.268	98.0	2
863	CZ 447	8.8	16 7.53	+2.6427+.0025	-23 4 18.3	+13.147-.296	96.6	2
864	CPD-23° 361	9.4	16 8.42	+2.6430+.0025	-23 3 28.4	+13.146-.296	97.1	1
865	CZ 456	7.6	16 27.70	+2.5654+.0019	-26 39 9.7	+13.125-.288	96.5	4
866	L 1064	6.5	16 28.98	+2.5584+.0019	-26 58 3.8	+13.124-.287	98.0	8
867	CZ 473	8.6	16 58.71	+2.3919+.0013	-33 54 52.9	+13.091-.270	97.9	2
868	L 1067	5.7	17 1.90	+2.6219+.0023	-23 59 38.2	+13.087-.295	98.9	2
869	CZ 489	8.1	17 39.39	+2.4513+.0015	-31 28 18.7	+13.046-.277	98.0	2
870	GC 3654	7.0	17 49.06	+2.6734+.0028	-21 27 25.9	+13.035-.302	99.0	2
871	L 1071	6.5	17 58.34	+2.5782+.0021	-25 56 44.2	+13.025-.291	98.9	2
872	CZ 501	8.8	18 27.68	+2.4716+.0016	-30 33 9.2	+12.992-.280	95.0	3
873	CZ 514	8.0	18 54.16	+2.5648+.0020	-26 28 31.7	+12.963-.291	95.0	3
874	CZ 526	8.4	19 27.29	+2.5228+.0019	-28 17 6.4	+12.926-.287	99.0	2
875	CZ 530	8.6	19 35.80	+2.5830+.0022	-25 35 30.0	+12.916-.294	95.0	3
876	A 1852	7.0	19 40.46	+2.6742+.0029	-21 17 6.0	+12.911-.304	99.0	2
877	L 1081	6.3	19 43.76	+2.4068+.0015	-33 3 43.1	+12.908-.274	97.9	8
878	CZ 540	7.5	19 55.50	+2.6028+.0024	-24 39 18.1	+12.894-.296	99.0	2
879	CZ 557	7.5	20 18.69	+2.4448+.0016	-31 29 1.3	+12.868-.279	98.0	2
880	CZ 582	7.5	21 3.87	+2.4745+.0017	-30 11 42.7	+12.818-.283	98.9	2
881	L 1099	7.9	21 48.86	+2.2479+.0015	-38 39 51.7	+12.767-.258	97.9	8
882	L 1101	6.2	22 3.96	+2.3156+.0015	-36 16 17.0	+12.750-.266	98.0	3
883	CZ 612	8.0	22 3.98	+2.4534+.0017	-30 58 27.7	+12.750-.281	96.4	3
884	CZ 619	8.0	22 7.21	+2.3144+.0015	-36 18 30.2	+12.747-.266	98.1	2
885	L 1096	6.0	22 9.20	+2.5316+.0020	-27 40 8.0	+12.744-.290	99.0	2
886	CZ 624	8.6	22 18.13	+2.5389+.0021	-27 20 8.3	+12.734-.291	96.5	2
887	CZ 633	9.0	22 37.51	+2.4160+.0014	-32 25 29.1	+12.712-.278	96.6	2
888	CZ 646	8.8	23 3.22	+2.5541+.0022	-26 36 26.4	+12.683-.294	96.5	2
889	CZ 658	9.0	23 29.59	+2.5268+.0021	-27 45 44.0	+12.654-.291	94.5	2
890	L 1108	5.7	23 40.96	+2.3180+.0016	-36 1 43.9	+12.641-.268	97.8	2
891	CZ 680	7.0	24 20.03	+2.3115+.0016	-36 11 58.3	+12.596-.268	97.8	2
892	CZ 689	8.2	24 28.74	+2.3066+.0016	-36 21 33.1	+12.587-.267	97.8	2
893	CZ 704	7.2	24 57.26	+2.3696+.0017	-34 0 0.2	+12.554-.275	97.9	2
894	CZ 713	6.8	25 13.06	+2.6121+.0026	-23 49 14.2	+12.536-.302	92.0	1
895	CZ 719	7.2	25 25.62	+2.6328+.0028	-22 50 57.6	+12.522-.305	99.0	2
896	CZ 722	8.6	25 26.42	+2.4961+.0020	-28 54 36.6	+12.521-.290	94.5	2
897	CZ 738	9.3	25 49.29	+2.5676+.0024	-25 47 12.2	+12.495-.298	96.5	2
898	CZ 739	8.6	25 53.34	+2.6052+.0026	-24 5 14.6	+12.490-.302	96.6	2
899	CZ 750	6.5	26 6.92	+2.3098+.0017	-36 5 26.5	+12.475-.269	97.8	2
900	CZ 756	8.1	3 26 28.84	+2.5092+.0021	-28 16 0.3	+12.450-.292	96.4	3



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
901	CZ 764	8.0	3 26 48.22	+2.5390+.0023	-26 57 39.5	+12.428-.296	97.1	2
902	CZ 774	8.7	27 9.67	+2.6008+.0026	-24 11 30.1	+12.403-.303	96.1	3
903	CZ 791	6.8	27 27.73	+2.3665+.0018	-33 53 11.6	+12.382-.277	97.9	2
904	CZ 794	7.9	27 33.38	+2.4152+.0019	-32 0 45.5	+12.376-.282	97.9	2
905	CZ 793	6.8	27 37.03	+2.5606+.0024	-25 57 12.1	+12.372-.299	97.0	2
906	L 1128	6.5	28 7.98	+2.5823+.0026	-24 57 19.3	+12.336-.302	98.0	8
907	CZ 811	8.2	28 11.25	+2.4164+.0019	-31 54 35.0	+12.332-.283	99.0	2
908	CZ 814	7.8	28 13.32	+2.3973+.0018	-32 38 45.5	+12.330-.281	99.0	2
909	CZ 823	8.9	28 39.77	+2.4576+.0020	-30 13 37.2	+12.300-.288	94.5	2
910	CZ 835	8.4	29 16.02	+2.6174+.0028	-23 17 10.5	+12.258-.307	94.0	2
911	Br 495	4.3	29 22.26	+2.6458+.0030	-21 58 5.0	+12.251-.310	97.9	8
912	CZ 857	7.5	29 50.31	+2.4368+.0020	-30 57 47.5	+12.218-.287	99.0	2
913	CZ 861	6.2	29 54.45	+2.4251+.0020	-31 25 2.5	+12.213-.286	97.9	2
914	L 1138	7.0	30 33.04	+2.4034+.0020	-32 12 33.6	+12.169-.284	98.0	2
915	CZ 883	7.0	30 36.35	+2.5563+.0025	-25 55 3.5	+12.165-.301	99.0	2
916	CZ 888	6.7	30 37.50	+2.3240+.0019	-35 9 54.8	+12.163-.274	98.1	9
917	CZ 905	7.8	31 17.08	+2.2912+.0019	-36 16 13.9	+12.118-.271	97.8	2
918	CZ 919	9.0	31 43.16	+2.4300+.0021	-31 4 12.0	+12.087-.288	94.0	2
919	CZ 935	8.6	32 13.05	+2.5679+.0026	-25 17 26.6	+12.052-.304	96.5	2
920	CZ 938	9.0	32 14.57	+2.4994+.0023	-28 13 4.8	+12.051-.296	96.5	2
921	CZ 948	9.2	32 40.58	+2.5740+.0027	-24 59 22.3	+12.020-.305	94.6	2
922	CZ 952	8.7	32 49.28	+2.4926+.0023	-28 27 14.0	+12.010-.296	96.5	2
923	CZ 957	7.1	32 56.25	+2.3474+.0020	-34 6 38.7	+12.002-.279	97.9	2
924	CZ 959	7.5	33 4.08	+2.4502+.0022	-30 9 30.7	+11.993-.291	96.4	3
925	CZ 970	7.8	33 16.94	+2.2759+.0020	-36 37 18.0	+11.978-.271	98.0	2
926	CZ 974	8.0	33 23.93	+2.3442+.0020	-34 11 19.9	+11.970-.279	98.1	2
927	CZ 977	8.5	33 28.42	+2.3222+.0020	-34 58 42.5	+11.964-.277	98.1	2
928	CZ 975	8.9	33 30.35	+2.5704+.0027	-25 5 17.6	+11.962-.306	94.5	2
929	L 1161	4.6	33 30.39	+2.1531+.0024	-40 36 9.5	+11.962-.257	97.9	8
930	CZ 984	8.6	33 37.22	+2.3412+.0020	-34 16 41.1	+11.954-.279	98.0	2
931	CZ 989	8.8	34 7.62	+2.6072+.0029	-23 24 47.6	+11.918-.311	96.1	2
932	CZ 997	8.0	34 8.82	+2.4106+.0021	-31 37 39.4	+11.917-.288	98.0	2
933	$\tau$ Fornacis	6.3	34 38.04	+2.4937+.0024	-28 16 10.4	+11.883-.298	98.0	8
934	CZ 1007	8.8	34 41.10	+2.5839+.0028	-24 24 48.0	+11.879-.308	96.5	2
935	CZ 1012	7.9	34 43.60	+2.3697+.0021	-33 7 58.6	+11.876-.283	98.1	2
936	CZ 1018	6.5	34 51.73	+2.3032+.0021	-35 31 49.9	+11.867-.276	98.0	2
937	CZ 1016	8.4	34 54.33	+2.4913+.0024	-28 20 44.1	+11.864-.298	99.0	2
938	GC 4032	9.2	35 9.08	+2.3372+.0021	-34 17 30.6	+11.846-.280	99.0	2
939	GC 4043	8.8	35 38.44	+2.3355+.0021	-34 18 40.0	+11.812-.280	99.0	1
940	CZ 1043	6.9	35 45.73	+2.4778+.0024	-28 49 54.1	+11.803-.297	96.0	2
941	CZ 1044	8.7	35 47.99	+2.2798+.0021	-36 15 51.1	+11.800-.274	99.0	2
942	CZ 1054	7.5	36 11.02	+2.3187+.0021	-34 52 9.9	+11.773-.278	97.8	2
943	CZ 1066	7.2	36 40.47	+2.4894+.0024	-28 17 27.9	+11.739-.299	98.0	3
944	CZ 1070	9.0	36 47.32	+2.5684+.0028	-24 56 45.7	+11.730-.309	95.0	3
945	CZ 1073	8.4	36 57.04	+2.3898+.0022	-32 11 27.0	+11.719-.288	97.8	2
946	CZ 1080	9.0	37 10.57	+2.4897+.0025	-28 14 29.3	+11.703-.300	96.5	2
947	CZ 1093	7.0	37 41.18	+2.5664+.0028	-24 58 15.7	+11.667-.309	96.5	2
948	GC 4086	8.6	37 45.61	+2.5983+.0030	-23 33 59.3	+11.661-.313	96.5	2
949	CPD-27° 371	9.2	38 14.45	+2.5142+.0026	-27 8 55.0	+11.627-.304	97.1	2
950	$\delta$ Fornacis	4.9	3 38 16.25	+2.3853+.0023	-32 15 28.0	+11.625-.288	97.9	8

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
951	CZ 1115	8.8	3 38 21.54	+2.3805+.0023	-32 25 45.5	+11.619-.288	97.0	2
952	CZ 1118	8.7	38 25.89	+2.4310+.0024	-30 29 32.0	+11.614-.294	97.1	2
953	CZ 1116	9.0	38 27.35	+2.5697+.0028	-24 46 25.7	+11.612-.310	97.0	2
954	CZ 1117	8.0	38 28.57	+2.6049+.0030	-23 13 41.2	+11.610-.315	96.7	3
955	CZ 1134	8.2	38 52.71	+2.5335+.0027	-26 17 37.0	+11.582-.306	96.6	2
956	CZ 1140	8.4	39 2.79	+2.4810+.0025	-28 27 26.5	+11.570-.300	97.0	2
957	L 1198	4.6	39 7.66	+2.2308+.0023	-37 37 45.0	+11.564-.271	97.9	8
958	CZ 1141	7.2	39 9.12	+2.4077+.0023	-31 20 11.4	+11.562-.292	98.1	2
959	CZ 1146	7.8	39 12.70	+2.3674+.0023	-32 50 49.7	+11.558-.287	98.0	2
960	CPD-37° 401	8.2	39 23.24	+2.2383+.0023	-37 21 37.5	+11.545-.272	99.0	2
961	CZ 1158	7.5	39 51.01	+2.4674+.0025	-28 56 36.5	+11.512-.299	99.0	2
962	CZ 1160	8.2	39 53.83	+2.3951+.0023	-31 45 23.7	+11.509-.291	98.1	2
963	CZ 1163	9.0	40 4.61	+2.4316+.0024	-30 20 30.9	+11.496-.295	96.5	2
964	CZ 1176	7.8	40 33.13	+2.5914+.0030	-23 41 36.7	+11.462-.315	99.0	2
965	CZ 1191	9.2	40 53.69	+2.4855+.0026	-28 8 9.9	+11.437-.303	96.5	2
966	CZ 1207	7.3	41 7.84	+2.1787+.0025	-39 7 59.8	+11.420-.266	97.0	2
967	CZ 1204	8.2	41 13.35	+2.4839+.0026	-28 10 45.9	+11.414-.303	95.0	3
968	CZ 1210	6.9	41 20.07	+2.5310+.0028	-26 13 40.4	+11.406-.308	99.0	2
969	CZ 1212	8.8	41 26.78	+2.5379+.0028	-25 55 52.7	+11.397-.309	97.1	2
970	CZ 1220	8.4	41 40.22	+2.4269+.0024	-30 24 10.1	+11.380-.296	96.5	2
971	CZ 1224	8.5	41 49.27	+2.3633+.0024	-32 47 37.0	+11.370-.289	98.1	2
972	CZ 1225	8.4	41 58.54	+2.5391+.0028	-25 50 33.0	+11.359-.310	97.1	2
973	CZ 1238	9.2	42 18.42	+2.5382+.0028	-25 51 46.3	+11.335-.310	96.6	2
974	CZ 1244	5.9	42 22.77	+2.4450+.0025	-29 38 55.6	+11.330-.299	99.0	2
975	CZ 1247	7.2	42 27.26	+2.5425+.0028	-25 40 5.0	+11.325-.310	99.0	2
976	CZ 1250	7.5	42 29.28	+2.5542+.0029	-25 9 57.3	+11.322-.312	99.0	2
977	Br 530	4.3	42 32.75	+2.5918+.0031	-23 32 41.3	+11.318-.317	98.0	8
978	CZ 1256	9.0	42 36.22	+2.5121+.0027	-26 55 47.3	+11.314-.307	96.6	2
979	CZ 1263	8.6	42 44.91	+2.4050+.0024	-31 9 49.0	+11.304-.294	97.0	2
980	CZ 1266	9.1	42 50.35	+2.5106+.0027	-26 58 34.6	+11.297-.307	94.6	2
981	CZ 1270	7.1	42 58.13	+2.4254+.0025	-30 21 47.8	+11.288-.297	99.0	2
982	CZ 1276	6.8	43 15.64	+2.4289+.0025	-30 12 32.1	+11.267-.298	97.0	2
983	CZ 1278	7.5	43 17.99	+2.4400+.0025	-29 46 33.9	+11.264-.299	99.0	2
984	Br 532	5.0	43 21.56	+2.5760+.0030	-24 11 4.1	+11.260-.316	98.0	8
985	CZ 1289	6.8	43 47.34	+2.5172+.0028	-26 38 11.2	+11.228-.309	99.0	2
986	CZ 1297	8.8	43 51.11	+2.2362+.0025	-37 3 22.4	+11.224-.275	98.1	2
987	$\rho$ Fornacis	5.6	43 53.64	+2.4210+.0025	-30 28 7.8	+11.221-.297	98.0	8
988	L 1238	6.0	44 3.89	+2.2551+.0025	-36 24 49.9	+11.208-.277	98.1	2
989	CZ 1300	8.5	44 10.08	+2.5804+.0031	-23 56 26.4	+11.201-.317	97.1	2
990	A 2113	6.2	44 11.54	+2.6424+.0034	-21 12 32.3	+11.199-.324	99.0	2
991	CZ 1311	9.1	44 26.43	+2.4221+.0025	-30 23 5.3	+11.181-.298	96.5	2
992	CZ 1314	8.4	44 34.53	+2.3767+.0025	-32 5 6.3	+11.171-.292	99.0	2
993	GC 4233	8.7	44 35.04	+2.3766+.0025	-32 5 12.7	+11.171-.292	99.0	2
994	CZ 1315	8.8	44 37.13	+2.4630+.0026	-28 46 24.8	+11.168-.303	97.0	2
995	CZ 1322	6.8	44 48.13	+2.5228+.0028	-26 20 15.8	+11.155-.310	99.0	2
996	L 1244*	4.9	44 54.46	+2.2069+.0026	-37 55 33.2	+11.147-.272	97.9	8
997	CZ 1356	6.5	45 36.10	+2.2519+.0025	-36 23 50.3	+11.097-.278	98.0	2
998	L 1248	4.2	45 42.70	+2.2485+.0025	-36 30 10.9	+11.089-.278	98.0	8
999	CZ 1358	9.0	45 47.16	+2.5531+.0030	-25 0 24.6	+11.083-.315	94.0	2
1000	CZ 1380	8.0	3 46 16.92	+2.3366+.0025	-33 25 1.1	+11.047-.289	98.0	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
1001	CZ 1383	6.9	3 46 20.39	+2.3594+.0025	-32 35 19.2	+11.043-.292	98.0	2
1002	CZ 1394	7.5	46 34.53	+2.4020+.0026	-30 59 30.2	+11.025-.297	99.0	2
1003	CZ 1398	8.0	46 46.67	+2.5656+.0030	-24 24 44.1	+11.011-.317	96.5	2
1004	CZ 1406	6.8	46 53.55	+2.2388+.0026	-36 43 38.7	+11.002-.278	97.9	2
1005	GC 4288	6.8	47 8.00	+2.6304+.0034	-21 34 47.1	+10.985-.325	99.0	2
1006	CZ 1411	8.6	47 9.69	+2.5214+.0029	-26 14 15.4	+10.983-.312	95.4	3
1007	CPD-25° 477	9.5	47 14.50	+2.5516+.0030	-24 58 35.8	+10.977-.316	96.0	1
1008	CZ 1416	7.8	47 15.21	+2.3749+.0025	-31 57 13.2	+10.976-.294	97.8	2
1009	CZ 1421	7.6	47 21.36	+2.3957+.0026	-31 10 23.4	+10.968-.297	97.9	2
1010	CZ 1422	8.2	47 26.01	+2.3163+.0025	-34 3 1.1	+10.963-.287	98.0	2
1011	GC 4315	7.0	48 29.20	+2.6060+.0033	-22 34 30.5	+10.885-.324	99.0	2
1012	Br 543	4.8	49 27.35	+2.5500+.0030	-24 54 29.3	+10.814-.318	98.0	8
1013	CZ 1478	9.2	49 32.59	+2.4587+.0028	-28 36 11.4	+10.808-.306	94.0	2
1014	CZ 1479	7.3	49 38.33	+2.5848+.0032	-23 25 26.9	+10.801-.322	97.4	5
1015	L 1275	5.1	49 50.30	+2.2828+.0026	-35 1 40.9	+10.786-.285	97.9	8
1016	L 1273	7.1	50 9.50	+2.4739+.0028	-27 57 52.5	+10.762-.309	99.0	2
1017	CZ 1533	7.6	51 2.87	+2.2512+.0027	-36 0 7.0	+10.696-.282	98.0	2
1018	CZ 1534	8.7	51 9.14	+2.4708+.0028	-28 1 14.9	+10.689-.309	94.5	2
1019	CZ 1545	8.5	51 21.71	+2.2548+.0027	-35 51 25.3	+10.673-.283	97.9	2
1020	CZ 1543	6.5	51 23.81	+2.5153+.0030	-26 13 14.1	+10.671-.315	97.1	1
1021	CZ 1544	8.1	51 25.50	+2.5082+.0029	-26 30 22.4	+10.669-.314	97.0	2
1022	CZ 1547	8.6	51 35.90	+2.5146+.0030	-26 14 10.7	+10.656-.315	97.1	3, 2
1023	CZ 1553	8.0	51 41.70	+2.3228+.0026	-33 30 22.9	+10.649-.291	97.9	2
1024	CZ 1559	7.8	51 46.12	+2.2312+.0027	-36 36 8.7	+10.643-.280	98.0	2
1025	CZ 1558	8.1	51 53.62	+2.5748+.0032	-23 42 57.9	+10.634-.323	96.6	2
1026	CZ 1568	7.0	52 14.46	+2.5325+.0030	-25 27 49.0	+10.608-.318	97.2	5
1027	CZ 1578	8.5	52 31.28	+2.4097+.0027	-30 17 3.6	+10.587-.303	96.5	2
1028	CZ 1580	8.5	52 32.21	+2.3637+.0027	-31 59 9.0	+10.586-.297	98.0	2
1029	CZ 1592	7.2	52 57.58	+2.5446+.0031	-24 55 14.9	+10.555-.320	99.0	2
1030	CZ 1603	8.8	53 19.35	+2.5171+.0030	-26 1 36.1	+10.528-.317	97.0	2
1031	CZ 1632	8.0	54 17.80	+2.5629+.0032	-24 4 53.0	+10.455-.323	99.0	2
1032	CZ 1668	8.0	55 11.76	+2.2400+.0028	-36 3 49.3	+10.388-.284	98.0	2
1033	CZ 1670	8.7	55 22.98	+2.4370+.0028	-29 3 31.1	+10.373-.308	94.5	2
1034	CZ 1679	9.2	55 34.07	+2.4219+.0028	-29 37 17.8	+10.360-.307	96.7	3
1035	Br 551	4.7	55 39.68	+2.5558+.0032	-24 17 59.5	+10.353-.323	98.0	8
1036	CZ 1684	9.2	55 45.41	+2.5236+.0031	-25 36 59.8	+10.346-.320	96.5	2
1037	L 1316	5.8	56 41.26	+2.3892+.0028	-30 46 20.1	+10.276-.304	99.0	2
1038	Yarn 1800	7.0	56 52.41	+2.5957+.0034	-22 33 23.5	+10.262-.330	99.0	2
1039	CZ 1725	7.8	57 10.95	+2.4922+.0030	-26 47 48.5	+10.239-.317	97.0	2
1040	A 2266	7.2	57 32.82	+2.6242+.0036	-21 17 59.0	+10.211-.334	99.0	2
1041	CZ 1747	9.0	58 2.41	+2.5423+.0032	-24 43 18.2	+10.174-.324	96.5	2
1042	CZ 1757	7.0	58 12.98	+2.2729+.0028	-34 45 36.4	+10.161-.290	97.9	2
1043	CZ 1760	8.6	58 15.80	+2.2236+.0029	-36 22 40.9	+10.157-.284	97.8	2
1044	CZ 1758	8.0	58 18.08	+2.4388+.0029	-28 48 27.9	+10.155-.311	99.0	2
1045	CZ 1762	7.0	58 28.19	+2.5862+.0034	-22 52 9.1	+10.142-.330	96.5	2
1046	CZ 1768	7.4	58 35.42	+2.4655+.0030	-27 45 44.7	+10.133-.314	96.0	1
1047	CZ 1766	8.8	58 35.67	+2.5528+.0032	-24 15 41.9	+10.132-.325	97.0	3
1048	CZ 1795	7.4	59 14.66	+2.5404+.0032	-24 44 6.5	+10.083-.324	99.0	2
1049	CZ 1801	8.2	59 22.01	+2.4900+.0031	-26 45 22.0	+10.074-.318	96.5	2
1050	CZ 1802	7.2	3 59 23.23	+2.5059+.0031	-26 7 23.4	+10.072-.320	99.0	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
1051	CZ 1823	7.5	4 0 5.31	+2.1892+.0030	-37 20 36.0	+10.019-.281	99.0	2
1052	CZ 1825	8.8	0 16.64	+2.4586+.0030	-27 55 36.6	+10.005-.315	96.5	2
1053	CZ 1845	8.6	0 41.28	+2.2604+.0029	-35 0 30.2	+9.974-.290	97.8	2
1054	CZ 1851	7.9	0 53.26	+2.3894+.0029	-30 29 41.0	+9.959-.307	96.5	2
1055	CZ 1	8.5	1 0.77	+2.3904+.0029	-30 27 7.2	+9.949-.307	96.0	1
1056	CZ 7	8.9	1 9.55	+2.3628+.0029	-31 26 28.2	+9.938-.303	96.5	2
1057	CPD-36° 470	8.5	1 10.64	+2.2257+.0030	-36 6 30.7	+9.937-.286	99.0	2
1058	Anon	9.3	1 11.48	+2.2257+.0030	-36 6 33.6	+9.936-.286	99.0	2
1059	CZ 12	8.0	1 12.55	+2.2378+.0030	-35 43 3.5	+9.934-.288	97.9	2
1060	CZ 8	9.2	1 13.12	+2.4390+.0030	-28 37 23.1	+9.934-.313	97.0	2
1061	Pi 251	5.6	1 30.08	+2.4568+.0030	-27 55 31.9	+9.912-.316	97.8	9
1062	CZ 27	7.2	1 39.75	+2.3654+.0029	-31 19 16.2	+9.900-.304	97.9	2
1063	CZ 39	8.2	1 55.84	+2.2357+.0030	-35 44 13.2	+9.879-.288	97.9	2
1064	A 2332	6.5	2 38.35	+2.5957+.0035	-22 15 42.8	+9.825-.334	99.0	2
1065	CZ 66	8.5	3 1.79	+2.4240+.0030	-29 4 45.9	+9.796-.312	96.5	2
1066	CZ 75	8.4	3 15.03	+2.4604+.0031	-27 41 8.3	+9.779-.317	96.0	2
1067	CZ 84	8.7	3 25.80	+2.2302+.0030	-35 48 48.3	+9.765-.288	97.9	2
1068	CZ 91	8.4	3 38.29	+2.2111+.0030	-36 24 37.6	+9.749-.286	97.9	2
1069	CZ 96	8.0	3 48.67	+2.2342+.0030	-35 39 31.5	+9.736-.289	97.8	2
1070	CZ 102	7.4	3 59.16	+2.1812+.0031	-37 19 40.2	+9.722-.282	98.0	2
1071	CZ 114	8.3	4 26.09	+2.3091+.0029	-33 7 21.8	+9.688-.299	97.9	2
1072	GC 4633	8.1	4 47.26	+2.6238+.0036	-20 58 2.1	+9.661-.339	99.0	2
1073	CZ 123	8.1	4 50.42	+2.2710+.0030	-34 23 1.8	+9.657-.294	99.0	2
1074	CZ 140	8.6	5 18.60	+2.4471+.0031	-28 4 23.3	+9.621-.317	96.1	2
1075	CZ 150	8.0	5 44.30	+2.3034+.0030	-33 14 10.5	+9.588-.299	97.8	2
1076	CZ 149	6.8	5 46.73	+2.5176+.0032	-25 18 15.5	+9.585-.326	99.0	2
1077	CZ 152	8.2	5 48.78	+2.1905+.0031	-36 54 57.8	+9.582-.284	97.9	2
1078	CZ 164	8.0	6 17.47	+2.2569+.0030	-34 45 33.6	+9.546-.293	97.8	2
1079	CZ 167	8.2	6 30.90	+2.5071+.0032	-25 40 53.8	+9.528-.326	96.7	3
1080	CZ 170	7.6	6 33.24	+2.5153+.0032	-25 21 15.5	+9.525-.327	96.7	3
1081	CZ 187	6.8	7 2.79	+2.2317+.0031	-35 31 56.3	+9.487-.291	97.9	2
1082	CZ 191	8.7	7 17.74	+2.2667+.0030	-34 22 19.2	+9.468-.295	99.0	2
1083	CZ 212	9.1	8 11.78	+2.4628+.0031	-27 18 56.5	+9.399-.321	96.5	2
1084	CZ 223	9.0	8 27.97	+2.4658+.0031	-27 11 13.8	+9.378-.322	96.5	2
1085	CZ 226	7.8	8 28.37	+2.3391+.0030	-31 50 4.3	+9.377-.306	97.9	2
1086	CZ 227	6.8	8 33.51	+2.5446+.0034	-24 4 36.6	+9.371-.332	99.0	2
1087	CZ 233	7.4	8 47.23	+2.5614+.0034	-23 22 57.8	+9.353-.334	96.0	2
1088	CZ 241	7.5	8 50.18	+2.2006+.0032	-36 24 31.8	+9.349-.288	97.8	2
1089	CZ 244	8.5	8 53.42	+2.2007+.0032	-36 23 58.8	+9.345-.288	97.8	2
1090	CZ 242*	7.6	8 57.56	+2.4225+.0031	-28 47 48.5	+9.340-.316	99.0	2
1091	CZ 248	7.4	9 11.99	+2.3026+.0030	-33 3 0.9	+9.321-.301	98.1	2
1092	CZ 253	8.3	9 19.52	+2.3462+.0030	-31 32 13.4	+9.311-.307	98.1	2
1093	CZ 260	8.2	9 28.38	+2.1867+.0032	-36 47 58.1	+9.300-.286	98.0	2
1094	CZ 272	8.8	9 45.63	+2.2806+.0030	-33 45 29.2	+9.278-.299	99.0	2
1095	L 1388	6.9	10 5.29	+2.3778+.0030	-30 21 57.4	+9.252-.311	98.0	8
1096	CZ 284	7.0	10 6.51	+2.3232+.0030	-32 17 39.9	+9.251-.304	98.1	2
1097	L 1394	6.8	10 9.95	+2.0556+.0036	-40 36 43.6	+9.246-.270	98.0	8
1098	Brisb 673	7.0	10 20.23	+2.1693+.0032	-37 16 59.1	+9.233-.284	98.0	8
1099	CZ 299	8.9	10 39.78	+2.5123+.0033	-25 15 40.7	+9.207-.329	96.5	2
1100	CZ 307	9.0	4 10 58.52	+2.4984+.0032	-25 47 41.8	+9.183-.328	96.5	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
II01	CZ 316	8.1	4 11 8.08	+2.3774+.0031	-30 19 20.6	+ 9.171-.312	99.0	2
II02	CZ 317	9.2	11 8.34	+2.3773+.0031	-30 19 33.0	+ 9.170-.312	99.0	1
II03	CZ 328	8.0	11 19.51	+2.3284+.0030	-32 2 22.4	+ 9.156-.306	98.0	2
II04	CZ 331	7.0	11 30.32	+2.5557+.0034	-23 29 17.2	+ 9.142-.335	99.0	2
II05	GC 4774	6.8	11 33.37	+2.5823+.0035	-22 23 58.7	+ 9.138-.339	99.0	3
II06	CZ 341	6.5	11 35.07	+2.1613+.0033	-37 26 49.1	+ 9.136-.284	98.9	1
II07	CZ 340	8.4	11 44.47	+2.5362+.0034	-24 15 30.7	+ 9.124-.333	96.5	2
II08	CZ 345	8.0	11 45.35	+2.1933+.0032	-36 27 12.0	+ 9.122-.288	97.8	2
II09	CZ 344	8.6	11 52.42	+2.5719+.0035	-22 48 37.9	+ 9.113-.338	97.0	2
II10	CZ 359	8.4	12 16.45	+2.3287+.0031	-31 58 32.7	+ 9.082-.306	98.0	2
II11	CZ 360	8.8	12 17.10	+2.3534+.0031	-31 6 45.3	+ 9.081-.310	97.0	2
II12	CZ 362	8.2	12 19.13	+2.2222+.0032	-35 30 40.6	+ 9.079-.293	98.0	2
II13	CZ 367	8.9	12 28.91	+2.4210+.0031	-28 39 35.5	+ 9.066-.318	96.6	2
II14	CZ 399	8.8	13 23.43	+2.3633+.0031	-30 41 58.9	+ 8.995-.312	97.0	3
II15	CZ 398	8.9	13 26.52	+2.5396+.0034	-24 2 35.5	+ 8.991-.335	96.5	2
II16	CZ 401	9.2	13 30.85	+2.5707+.0035	-22 47 8.0	+ 8.985-.339	97.0	2
II17	GC 4813	6.2	13 54.43	+2.6145+.0036	-20 57 35.0	+ 8.954-.345	99.0	2
II18	CZ 416	9.0	13 56.37	+2.4180+.0031	-28 41 29.5	+ 8.952-.319	97.1	2
II19	CZ 420	7.9	14 5.41	+2.2524+.0031	-34 25 51.4	+ 8.940-.298	98.1	2
II20	L 1411	3.6	14 6.61	+2.2643+.0031	-34 2 32.2	+ 8.939-.299	98.0	8
II21	CZ 424	6.0	14 21.10	+2.5592+.0034	-23 12 50.1	+ 8.920-.338	99.0	2
II22	CZ 435	9.2	14 35.33	+2.4245+.0032	-28 25 6.0	+ 8.901-.320	96.6	2
II23	CZ 453	7.9	15 2.13	+2.2528+.0032	-34 21 49.6	+ 8.866-.298	98.1	2
II24	CZ 449	9.1	15 2.60	+2.4557+.0032	-27 13 45.5	+ 8.865-.325	96.5	2
II25	CZ 458	8.0	15 10.88	+2.3357+.0031	-31 34 14.7	+ 8.854-.309	98.0	2
II26	CZ 462	6.7	15 16.82	+2.2590+.0032	-34 8 46.0	+ 8.847-.299	97.9	2
II27	CZ 463	9.0	15 17.09	+2.2590+.0032	-34 8 51.6	+ 8.847-.299	97.9	2
II28	CZ 466	7.6	15 25.61	+2.4823+.0033	-26 11 55.8	+ 8.835-.328	99.0	2
II29	Pi 56	7.0	15 31.54	+2.5062+.0033	-25 15 55.5	+ 8.828-.332	98.0	8
II30	CZ 475	8.5	15 32.96	+2.4065+.0032	-29 1 43.0	+ 8.826-.319	96.4	3
II31	CZ 473	8.6	15 33.27	+2.5619+.0035	-23 3 8.8	+ 8.825-.339	96.5	2
II32	A 2490	7.9	16 5.64	+2.5975+.0036	-21 34 27.7	+ 8.783-.344	99.0	2
II33	A 2491	8.5	16 7.30	+2.6003+.0036	-21 27 26.8	+ 8.781-.344	99.0	1
II34	Lal 8205	5.3	16 17.26	+2.6142+.0037	-20 52 40.8	+ 8.768-.346	97.0	1
II35	A 2495	7.2	16 45.50	+2.5990+.0036	-21 29 8.2	+ 8.731-.345	99.0	2
II36	CZ 524	8.5	17 9.96	+2.2871+.0031	-33 6 48.6	+ 8.698-.304	97.9	2
II37	CZ 526	8.2	17 11.08	+2.2303+.0032	-34 58 5.8	+ 8.697-.296	99.0	2
II38	CZ 527	9.0	17 14.29	+2.3365+.0031	-31 25 50.0	+ 8.693-.311	97.0	2
II39	CZ 530	5.9	17 22.24	+2.4860+.0033	-25 57 49.4	+ 8.682-.330	98.0	5
II40	CZ 532	8.3	17 24.37	+2.4862+.0033	-25 57 15.1	+ 8.679-.330	97.8	4
II41	A 2508	7.5	17 28.15	+2.5856+.0036	-22 0 23.9	+ 8.675-.344	99.0	2
II42	CZ 577	6.0	18 54.89	+2.5058+.0033	-25 7 30.2	+ 8.560-.334	99.0	2
II43	CZ 585	7.8	19 10.49	+2.4927+.0033	-25 37 12.0	+ 8.540-.332	96.5	2
II44	CPD-36° 519	8.0	19 24.97	+2.1700+.0033	-36 43 24.2	+ 8.521-.290	99.0	2
II45	CZ 598	7.2	19 27.26	+2.3052+.0032	-32 23 2.8	+ 8.518-.308	97.9	2
II46	L 1438	6.5	19 27.56	+2.2006+.0033	-35 46 38.6	+ 8.517-.294	97.9	2
II47	GC 4923	9.4	19 31.86	+2.4775+.0033	-26 11 3.1	+ 8.512-.330	96.7	3
II48	CPD-36° 520	8.5	19 36.27	+2.1748+.0033	-36 33 59.4	+ 8.506-.291	99.0	2
II49	CPD-36° 523	8.6	20 13.02	+2.1692+.0034	-36 42 8.2	+ 8.457-.290	99.0	2
II50	L 1441	4.1	4 20 16.82	+2.2474+.0032	-34 14 55.7	+ 8.452-.301	98.0	8



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
1151	CZ 632	9.1	4 20 42.12	+2.3984+.0032	-29 3 58.6	+ 8.419-.321	96.5	2
1152	CZ 641	8.0	20 50.20	+2.4155+.0032	-28 26 15.2	+ 8.408-.323	96.5	2
1153	CZ 647	9.0	21 7.25	+2.3817+.0032	-29 38 38.2	+ 8.385-.319	96.5	2
1154	CZ 651	9.0	21 11.82	+2.3959+.0032	-29 7 51.9	+ 8.379-.321	97.0	2
1155	L 1447	7.5	21 14.17	+2.2228+.0033	-34 59 1.0	+ 8.376-.298	98.0	2
1156	CZ 674	8.2	21 43.94	+2.1926+.0033	-35 54 4.5	+ 8.337-.294	98.0	2
1157	CZ 683	8.0	22 17.05	+2.5470+.0035	-23 21 38.4	+ 8.293-.342	99.0	2
1158	CZ 697	9.2	22 36.11	+2.4005+.0032	-28 53 49.0	+ 8.268-.322	96.5	2
1159	CZ 706	6.5	22 42.08	+2.2804+.0032	-33 2 30.6	+ 8.260-.307	97.8	1
1160	CZ 703	6.8	22 44.61	+2.5225+.0034	-24 18 20.8	+ 8.256-.339	99.0	2
1161	CZ 710	9.2	22 50.43	+2.4594+.0033	-26 42 59.3	+ 8.248-.330	97.0	2
1162	CZ 720	8.7	23 1.27	+2.4000+.0032	-28 53 45.1	+ 8.234-.322	97.0	2
1163	CZ 718	9.2	23 2.47	+2.5356+.0034	-23 46 25.5	+ 8.232-.341	96.5	2
1164	GC 5004*	6.6	23 36.67	+2.5865+.0036	-21 43 30.5	+ 8.187-.348	99.0	2
1165	CZ 749	6.9	23 51.21	+2.2910+.0032	-32 37 53.9	+ 8.168-.308	98.0	2
1166	CZ 751	7.1	23 58.97	+2.5546+.0035	-22 59 23.3	+ 8.157-.344	99.0	2
1167	CZ 758	8.1	24 6.63	+2.4534+.0033	-26 53 11.3	+ 8.147-.330	96.6	2
1168	CZ 781	8.2	24 37.96	+2.3674+.0032	-29 58 40.3	+ 8.105-.319	99.0	2
1169	CZ 783	9.0	24 44.55	+2.4916+.0033	-25 24 48.3	+ 8.096-.336	97.0	1
1170	CZ 784	8.4	24 44.67	+2.4916+.0033	-25 24 54.7	+ 8.096-.336	96.5	2
1171	CZ 790	8.0	24 47.52	+2.2879+.0032	-32 41 12.2	+ 8.093-.309	97.9	2
1172	CZ 807	8.8	25 15.74	+2.4429+.0033	-27 13 23.8	+ 8.055-.330	96.5	2
1173	CZ 812	6.8	25 26.00	+2.4622+.0033	-26 29 43.8	+ 8.041-.332	96.5	2, 3
1174	CZ 826	8.2	25 52.62	+2.5335+.0034	-23 44 41.8	+ 8.006-.342	96.6	2
1175	CZ 835	8.2	26 9.17	+2.5341+.0034	-23 42 39.4	+ 7.983-.342	97.1	2
1176	L 1483	6.7	26 19.02	+2.5459+.0035	-23 14 27.4	+ 7.970-.344	98.0	8
1177	CZ 848	7.4	26 27.62	+2.3453+.0032	-30 39 40.5	+ 7.959-.317	99.0	2
1178	Lal 8573	7.9	26 28.86	+2.5871+.0036	-21 35 26.1	+ 7.957-.350	99.0	2
1179	L 1495	5.9	27 1.74	+2.1846+.0034	-35 52 12.8	+ 7.913-.296	98.0	2
1180	CZ 881	8.7	27 12.63	+2.4177+.0032	-28 3 36.4	+ 7.899-.327	96.5	2
1181	CZ 889	7.1	27 19.01	+2.1436+.0034	-37 5 27.6	+ 7.890-.291	98.0	2
1182	CZ 884	7.5	27 21.47	+2.3887+.0032	-29 5 46.8	+ 7.887-.323	99.0	2
1183	CZ 896	8.3	27 32.05	+2.3631+.0032	-29 59 26.8	+ 7.872-.320	97.0	2
1184	CZ 903	8.0	27 37.03	+2.1797+.0034	-35 59 18.6	+ 7.866-.296	98.0	2
1185	CZ 906	8.2	27 42.43	+2.2822+.0032	-32 43 58.0	+ 7.859-.309	97.9	2
1186	CZ 908	7.8	27 44.95	+2.3122+.0032	-31 43 49.8	+ 7.855-.314	97.9	2
1187	CZ 919	8.3	27 56.75	+2.1748+.0034	-36 7 14.1	+ 7.839-.295	98.0	2
1188	CZ 922	7.6	28 6.39	+2.3900+.0032	-29 0 57.5	+ 7.826-.324	96.4	3
1189	CZ 927	8.5	28 15.74	+2.2388+.0033	-34 6 39.9	+ 7.814-.304	99.0	2
1190	CZ 932	8.0	28 28.86	+2.4874+.0033	-25 25 0.4	+ 7.796-.337	96.1	2
1191	CZ 946	8.7	28 53.97	+2.5182+.0034	-24 13 21.4	+ 7.762-.342	96.4	3
1192	CZ 950	7.5	29 2.08	+2.4775+.0033	-25 46 12.9	+ 7.752-.336	99.0	2
1193	CZ 949	8.8	29 2.67	+2.5177+.0034	-24 14 6.4	+ 7.751-.342	97.0	1
1194	CZ 955	8.1	29 10.43	+2.2624+.0032	-33 18 35.5	+ 7.740-.307	99.0	2
1195	CZ 953	8.6	29 12.64	+2.5198+.0034	-24 8 54.2	+ 7.737-.343	96.5	2
1196	CZ 961	8.2	29 18.97	+2.1794+.0034	-35 54 39.6	+ 7.729-.296	97.9	2
1197	L 1513	4.6	29 35.21	+2.3611+.0032	-29 58 6.3	+ 7.707-.321	99.0	2
1198	CZ 984	7.0	30 2.91	+2.3977+.0032	-28 39 25.9	+ 7.670-.327	99.0	2
1199	CZ 994	6.8	30 26.29	+2.5160+.0034	-24 14 54.5	+ 7.638-.342	99.0	2
1200	CZ 1000	8.5	4 30 35.76	+2.4037+.0032	-28 25 9.1	+ 7.625-.327	97.1	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
1201	Lal 8703	7.5	4	30	44.21	+2.5992+	.0036	-20	57	1.4	+ 7.614-	.354	99.0	2
1202	L 1521 <sup>1</sup>	9.7		30	45.27	+2.4894+	.0034	-25	15	3.0	+ 7.613-	.339	97.1	1
1203	CZ 1005	7.8		30	45.59	+2.4896+	.0034	-25	14	40.2	+ 7.612-	.339	97.1	2
1204	CZ 1011	7.8		30	52.34	+2.2429+	.0033	-33	51	15.5	+ 7.603-	.306	98.0	2
1205	CZ 1021	7.8		31	1.38	+2.1784+	.0034	-35	51	30.6	+ 7.591-	.297	97.9	2
1206	CZ 1022	7.5		31	3.23	+2.2055+	.0033	-35	1	29.3	+ 7.588-	.301	98.0	2
1207	CZ 1016	6.8		31	6.68	+2.5025+	.0034	-24	44	20.8	+ 7.584-	.341	96.6	2
1208	CZ 1025*	8.0		31	11.31	+2.2519+	.0033	-33	33	8.3	+ 7.577-	.307	98.0	2
1209	CZ 1029	7.6		31	16.91	+2.1805+	.0034	-35	46	58.9	+ 7.570-	.298	98.1	2
1210	υ Eridani	3.9		31	39.76	+2.3353+	.0032	-30	46	1.2	+ 7.539-	.319	98.0	8
1211	CZ 1053	7.5		32	32.07	+2.4338+	.0033	-27	15	0.4	+ 7.468-	.332	99.0	2
1212	CZ 1067	8.3		32	49.11	+2.2969+	.0032	-32	0	18.8	+ 7.445-	.314	97.9	2
1213	CZ 1065	8.9		32	53.30	+2.4840+	.0033	-25	22	31.6	+ 7.440-	.340	97.0	2
1214	CZ 1072	6.7		32	58.02	+2.3291+	.0032	-30	55	8.4	+ 7.433-	.318	99.0	3
1215	GC 5211	8.0		32	58.18	+2.5504+	.0035	-22	48	59.1	+ 7.433-	.348	99.0	1
1216	CZ 1071	7.4		33	2.94	+2.5392+	.0034	-23	15	2.3	+ 7.426-	.347	99.0	2
1217	CZ 1082	7.0		33	11.85	+2.3372+	.0032	-30	37	53.4	+ 7.414-	.320	99.0	2
1218	CZ 1093	8.2		33	22.22	+2.1759+	.0034	-35	49	18.8	+ 7.400-	.298	99.0	2
1219	CZ 1102	8.4		33	42.94	+2.3520+	.0032	-30	6	5.6	+ 7.372-	.322	96.5	2
1220	CZ 1101	9.0		33	46.77	+2.5419+	.0035	-23	7	15.4	+ 7.367-	.348	97.0	2
1221	CZ 1107	8.1		33	53.66	+2.3074+	.0032	-31	36	36.0	+ 7.358-	.316	97.8	2
1222	CZ 1127	8.0		34	27.31	+2.2234+	.0033	-34	18	29.7	+ 7.312-	.305	97.9	2
1223	CZ 1131	8.2		34	40.18	+2.4319+	.0033	-27	13	53.6	+ 7.295-	.333	96.5	2
1224	CZ 1135	7.5		34	49.10	+2.4678+	.0033	-25	54	10.1	+ 7.283-	.338	99.0	2
1225	A 2718*	7.2		35	18.50	+2.5831+	.0036	-21	26	40.8	+ 7.242-	.354	99.0	2
1226	CZ 1154	9.0		35	25.94	+2.5033+	.0034	-24	32	44.2	+ 7.232-	.344	97.0	2
1227	CZ 1158	8.6		35	29.22	+2.3337+	.0032	-30	39	11.7	+ 7.228-	.320	97.0	2
1228	CZ 1163	8.0		35	35.22	+2.2433+	.0033	-33	37	35.0	+ 7.220-	.308	98.0	2
1229	CZ 1170	7.8		35	45.13	+2.2250+	.0033	-34	11	52.4	+ 7.206-	.306	97.9	2
1230	CZ 1171	9.0		35	50.32	+2.4132+	.0032	-27	51	36.8	+ 7.199-	.331	97.0	2
1231	Pi 167	5.6		35	57.26	+2.4993+	.0034	-24	40	40.2	+ 7.190-	.343	98.0	8
1232	CZ 1190	8.5		36	31.01	+2.4644+	.0033	-25	58	1.2	+ 7.144-	.338	97.1	2
1233	CZ 1197	7.8		36	42.63	+2.3975+	.0032	-28	23	12.2	+ 7.128-	.330	96.7	3
1234	CZ 1214	7.4		37	19.67	+2.5114+	.0034	-24	10	6.8	+ 7.077-	.346	99.0	2
1235	CZ 1241	8.5		37	55.23	+2.2585+	.0033	-33	2	14.2	+ 7.029-	.311	99.0	2
1236	CZ 1244	7.0		38	9.03	+2.5316+	.0034	-23	22	3.8	+ 7.010-	.349	99.0	2
1237	Lal 8915	8.0		38	12.82	+2.5878+	.0036	-21	9	45.8	+ 7.005-	.356	99.1	2
1238	CZ 1257	8.3		38	18.78	+2.1155+	.0035	-37	22	50.5	+ 6.997-	.292	99.0	2
1239	β Caeli	5.1		38	31.32	+2.1167+	.0035	-37	20	23.7	+ 6.980-	.292	98.0	8
1240	CZ 1272	9.1		38	53.70	+2.4491+	.0033	-26	26	27.0	+ 6.949-	.338	96.5	2
1241	CZ 1276	7.1		39	4.84	+2.5191+	.0034	-23	48	57.3	+ 6.934-	.348	99.0	2
1242	CZ 1279	7.6		39	6.14	+2.2920+	.0032	-31	53	49.6	+ 6.932-	.316	98.0	2
1243	CZ 1287	8.4		39	9.83	+2.2136+	.0033	-34	24	17.6	+ 6.927-	.306	98.0	2
1244	L 1564	5.7		39	17.32	+2.3202+	.0032	-30	57	5.0	+ 6.917-	.320	99.0	2
1245	CZ 1307	8.1		39	53.68	+2.2743+	.0033	-32	26	37.9	+ 6.867-	.314	98.0	2
1246	CZ 1314	6.9		40	13.90	+2.4112+	.0033	-27	45	45.0	+ 6.839-	.333	97.0	4
1247	CZ 1316	7.6		40	15.00	+2.2975+	.0032	-31	40	13.7	+ 6.838-	.318	98.0	2
1248	CZ 1324	7.2		40	28.92	+2.4005+	.0032	-28	8	1.7	+ 6.819-	.332	99.0	2
1249	CZ 1332	8.3		40	40.66	+2.4350+	.0033	-26	53	26.1	+ 6.802-	.337	96.6	2
1250	GC 5354	6.0	4	40	46.07	+2.5781+	.0035	-21	27	59.7	+ 6.795-	.356	99.0	2

1208 11<sup>h</sup>3, 5<sup>m</sup>2.

1225 8<sup>Mo</sup> prec. 2<sup>h</sup>10 30<sup>"</sup> N.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
1251	CZ 1342	8.6	4 40 49.61	+2.1373+.0035	-36 38 18.0	+ 6.790-.296	99.0	2
1252	CZ 1346	9.0	41 1.76	+2.5121+.0034	-24 0 58.4	+ 6.774-.348	96.5	2
1253	CZ 1364	8.1	41 22.60	+2.2484+.0033	-33 12 55.3	+ 6.745-.312	99.0	2
1254	CZ 1381	7.8	41 56.43	+2.4760+.0033	-25 20 30.3	+ 6.698-.343	96.5	2
1255	L 1587	6.8	42 7.54	+2.2166+.0033	-34 11 12.8	+ 6.683-.307	98.0	9
1256	CZ 1390	8.5	42 8.01	+2.3670+.0032	-29 14 40.1	+ 6.682-.328	96.6	2
1257	Pi 197	6.0	42 26.18	+2.3947+.0032	-28 16 5.7	+ 6.658-.332	98.0	8
1258	L 1594	6.0	42 32.72	+2.0317+.0037	-39 32 16.7	+ 6.649-.282	98.0	8
1259	CZ 1412	9.5	42 37.80	+2.4318+.0033	-26 56 7.1	+ 6.642-.337	97.0	2
1260	A 2810	7.2	42 39.11	+2.5786+.0035	-21 23 28.4	+ 6.640-.357	99.0	2
1261	CZ 1422	8.1	42 50.63	+2.1564+.0034	-35 59 14.1	+ 6.624-.300	98.0	2
1262	CZ 1426	7.6	43 3.29	+2.3561+.0032	-29 35 12.6	+ 6.606-.327	99.0	2
1263	CZ 1454	7.9	43 44.60	+2.1416+.0034	-36 23 14.7	+ 6.550-.298	98.0	2
1264	γ Caeli	6.4	43 55.50	+2.3372+.0032	-30 11 59.8	+ 6.535-.325	98.0	8
1265	CZ 1465	9.0	44 28.15	+2.3832+.0032	-28 35 46.8	+ 6.490-.331	96.5	2
1266	CZ 1464	8.9	44 29.21	+2.4797+.0033	-25 7 0.3	+ 6.488-.345	96.6	2
1267	CZ 1470	8.4	44 37.09	+2.5240+.0034	-23 26 57.2	+ 6.477-.351	96.6	2
1268	CZ 1491	8.8	45 1.16	+2.3739+.0032	-28 54 1.4	+ 6.444-.330	97.0	2
1269	CZ 1490	9.2	45 1.82	+2.5379+.0034	-22 54 11.8	+ 6.443-.353	97.0	2
1270	GC 5450	9.4	45 2.58	+2.5381+.0034	-22 53 45.9	+ 6.442-.353	97.1	1
1271	CZ 1500	8.0	45 13.94	+2.2299+.0033	-33 38 50.8	+ 6.426-.310	99.0	2
1272	CZ 1498	9.3	45 15.64	+2.3300+.0032	-30 23 23.2	+ 6.424-.324	97.1	2, 1
1273	CZ 1507	7.8	45 22.84	+2.2935+.0032	-31 35 58.0	+ 6.414-.319	97.9	2
1274	GC 5464	7.9	45 31.07	+2.1770+.0034	-35 15 39.5	+ 6.403-.304	98.0	4
1275	CZ 1513	6.5	45 31.24	+2.2026+.0033	-34 29 4.9	+ 6.402-.307	98.0	2
1276	CZ 1512	8.9	45 35.12	+2.5069+.0034	-24 3 49.8	+ 6.397-.349	97.1	2
1277	CZ 1526	8.7	46 6.15	+2.4528+.0033	-26 3 11.0	+ 6.354-.342	96.6	2
1278	CZ 1528	8.0	46 8.18	+2.4938+.0033	-24 32 22.2	+ 6.351-.348	96.6	2
1279	CZ 1541	7.7	46 14.86	+2.1756+.0034	-35 16 35.7	+ 6.342-.304	97.5	4
1280	CZ 1547	9.2	46 23.48	+2.3761+.0032	-28 46 27.4	+ 6.330-.331	96.5	2
1281	CZ 1545	8.9	46 23.65	+2.4486+.0033	-26 11 56.9	+ 6.330-.341	96.6	2
1282	CZ 1552	7.5	46 29.73	+2.4187+.0032	-27 16 18.8	+ 6.321-.337	99.0	2
1283	CZ 1570	8.6	46 47.77	+2.3416+.0032	-29 56 42.6	+ 6.296-.327	96.5	2
1284	CZ 1577	7.2	47 0.64	+2.4677+.0033	-25 28 47.7	+ 6.279-.344	99.0	2
1285	CZ 1595	8.4	47 32.49	+2.4927+.0033	-24 32 10.3	+ 6.235-.348	97.1	2
1286	L 1628	5.8	47 49.88	+2.1803+.0034	-35 4 26.5	+ 6.210-.305	97.9	3
1287	CZ 1609	8.0	47 51.05	+2.2866+.0032	-31 44 6.8	+ 6.209-.320	97.8	1
1288	CPD-33° 615	7.8	48 5.11	+2.2331+.0033	-33 26 14.3	+ 6.189-.312	99.0	2
1289	CZ 1619	8.7	48 6.64	+2.4184+.0032	-27 13 49.5	+ 6.187-.338	97.0	2
1290	CZ 1631	8.2	48 11.57	+2.1485+.0034	-36 0 24.4	+ 6.180-.300	98.0	2
1291	CZ 1629	6.8	48 13.33	+2.2017+.0033	-34 24 23.4	+ 6.178-.308	98.0	2
1292	CZ 1641	7.8	48 35.92	+2.4538+.0032	-25 56 20.5	+ 6.147-.343	99.1	2
1293	CZ 1682	8.6	49 52.38	+2.5141+.0033	-23 39 47.7	+ 6.040-.352	96.5	2
1294	CZ 1697	7.8	50 17.95	+2.5137+.0033	-23 39 58.7	+ 6.005-.352	96.5 (96.5) (97.0)	2, 1
1295	CZ 1701	7.8	50 27.06	+2.1604+.0034	-35 34 17.9	+ 5.992-.303	98.0	2
1296	CZ 1703	8.9	50 37.58	+2.5129+.0033	-23 41 16.8	+ 5.977-.352	96.5	2
1297	CZ 1706	8.1	50 43.65	+2.4554+.0032	-25 48 50.6	+ 5.969-.344	97.1	3
1298	CZ 1717	7.8	50 53.61	+2.2878+.0032	-31 35 12.2	+ 5.955-.321	97.5	4
1299	CZ 1728	7.5	51 15.89	+2.3220+.0032	-30 26 48.6	+ 5.924-.326	97.0	2
1300	L 1648	6.7	4 51 24.68	+2.4528+.0032	-25 53 16.6	+ 5.912-.344	98.0	8



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
I301	CZ 1732	7.5	4 51 26.74	+2.5198+.0033	-23 24 17.1	+ 5.909-.353	97.1	2
I302	CZ 1739	7.9	51 43.05	+2.3726+.0032	-28 42 59.1	+ 5.886-.333	96.7	3
I303	CZ 1748	8.7	51 52.86	+2.1515+.0034	-35 46 53.5	+ 5.873-.302	99.0	2
I304	CZ 1760	8.8	52 14.03	+2.3457+.0032	-29 37 13.2	+ 5.843-.330	97.0	2
I305	CZ 1757	8.1	52 14.61	+2.5181+.0033	-23 26 48.5	+ 5.842-.354	96.6	2
I306	CZ 1764	9.2	52 29.98	+2.5084+.0033	-23 48 6.9	+ 5.821-.352	97.1	2
I307	CZ 1777	8.5	52 45.00	+2.2773+.0032	-31 51 51.0	+ 5.800-.320	97.9	2
I308	CZ 1787	9.0	52 59.82	+2.3876+.0032	-28 9 17.5	+ 5.779-.336	96.5	2
I309	CZ 1796	8.3	53 23.78	+2.2263+.0032	-33 27 35.8	+ 5.746-.313	97.9	2
I310	CZ 1801	9.4	53 33.57	+2.3533+.0032	-29 19 2.3	+ 5.732-.331	97.0	2
I311	CZ 1807	9.3	53 41.41	+2.3830+.0032	-28 17 38.7	+ 5.721-.335	97.0	2
I312	A 2953	7.2	53 49.19	+2.5505+.0033	-22 10 22.9	+ 5.710-.359	99.0	2
I313	CZ 1822	7.8	54 1.26	+2.2332+.0032	-33 13 19.8	+ 5.693-.314	97.9	2
I314	CZ 1831	7.8	54 8.49	+2.1735+.0033	-35 2 48.2	+ 5.683-.306	98.0	2
I315	CZ 1834	9.1	54 18.38	+2.4444+.0032	-26 6 15.2	+ 5.669-.344	96.6	2
I316	CZ 1844	8.9	54 24.64	+2.2987+.0032	-31 6 44.7	+ 5.661-.324	96.6	2
I317	CZ 1871	7.8	55 11.32	+2.3730+.0032	-28 35 34.0	+ 5.595-.334	99.1	2
I318	CZ 1888	7.2	55 32.99	+2.2580+.0032	-32 23 24.5	+ 5.565-.318	97.9	2
I319	CZ 1901	7.2	55 50.44	+2.1037+.0034	-37 1 27.9	+ 5.540-.297	97.9	2
I320	CZ 1896	7.2	55 50.89	+2.4680+.0032	-25 12 15.2	+ 5.540-.348	99.0	2
I321	CZ 1904	8.8	56 3.02	+2.3598+.0032	-29 1 4.7	+ 5.523-.333	96.1	2
I322	CZ 1924	8.2	56 20.03	+2.1120+.0034	-36 46 21.0	+ 5.499-.298	97.9	2
I323	CZ 1923	7.8	56 21.63	+2.1952+.0033	-34 18 55.6	+ 5.497-.310	98.0	2
I324	CZ 1932	8.0	56 37.21	+2.2703+.0032	-31 57 41.8	+ 5.475-.321	98.0	2
I325	CZ 1948	7.8	57 7.60	+2.5037+.0032	-23 51 20.8	+ 5.432-.353	99.1	2
I326	CZ 1955	8.0	57 13.01	+2.1667+.0033	-35 8 51.3	+ 5.425-.306	99.0	2
I327	CZ 1967	7.3	57 32.68	+2.2825+.0032	-31 32 21.7	+ 5.397-.323	98.0	2
I328	Pi 289	5.0	58 5.78	+2.4327+.0032	-26 25 0.6	+ 5.351-.344	98.0	8
I329	L 1700	6.0	58 14.78	+1.9967+.0037	-39 51 49.7	+ 5.338-.283	98.0	8
I330	CZ 1994	6.9	58 18.93	+2.2833+.0032	-31 29 29.9	+ 5.332-.323	98.0	2
I331	CZ 1999	8.0	58 24.37	+2.0973+.0034	-37 7 14.8	+ 5.324-.297	98.1	2
I332	Br 704	5.8	58 31.70	+2.5272+.0032	-22 56 17.8	+ 5.314-.357	99.1	2
I333	L 1695	6.0	58 35.73	+2.2698+.0032	-31 55 0.3	+ 5.309-.321	98.0	8
I334	CZ 2020	9.4	59 5.92	+2.4188+.0032	-26 52 59.0	+ 5.266-.342	96.5	2
I335	CZ 2036	9.2	59 26.22	+2.3556+.0031	-29 3 37.3	+ 5.237-.334	96.6	2
I336	L 1704	5.5	59 44.63	+2.4837+.0032	-24 31 36.4	+ 5.212-.352	99.0	2
I337	CZ 2050	9.5	4 59 55.51	+2.3677+.0031	-28 38 6.3	+ 5.196-.335	96.6	2
I338	$\gamma$ Caeli	4.6	5 0 48.53	+2.1467+.0033	-35 37 12.1	+ 5.122-.305	98.0	8
I339	L 1713	6.8	0 51.81	+2.1390+.0033	-35 50 40.2	+ 5.117-.304	98.0	2
I340	CZ 2090	8.4	0 56.13	+2.2685+.0032	-31 53 11.4	+ 5.111-.322	98.0	2
I341	Pi 307	5.9	1 12.60	+2.4340+.0031	-26 17 13.9	+ 5.087-.345	98.0	8
I342	$\epsilon$ Leporis	3.3	1 13.64	+2.5370+.0032	-22 30 19.0	+ 5.086-.360	98.0	8
I343	CZ 64	8.4	2 46.56	+2.1603+.0032	-35 9 38.6	+ 4.955-.307	98.0	2
I344	A 3070	9.3	3 2.45	+2.3607+.0031	-28 47 16.7	+ 4.932-.335	96.6	2
I345	CZ 80	8.8	3 20.73	+2.4466+.0031	-25 46 55.2	+ 4.907-.348	97.0	2
I346	CZ 122	6.0	4 41.10	+2.1349+.0033	-35 50 51.5	+ 4.793-.304	97.9	2
I347	CZ 141	7.5	5 13.72	+2.5148+.0032	-23 14 42.6	+ 4.747-.358	99.0	2, 1
I348	CZ 150	9.0	5 22.07	+2.4528+.0031	-25 30 40.5	+ 4.735-.349	96.5	2
I349	Lal 9765	7.8	5 30.19	+2.5314+.0032	-22 37 12.2	+ 4.723-.361	99.0	2
I350	CZ 180	8.0	5 6 4.01	+2.2075+.0032	-33 38 47.7	+ 4.675-.315	97.9	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
1351	CZ 186	7.9	5 6 21.35	+2.2767+.0031	-31 28 24.1	+ 4.651-.325	97.9	2
1352	CZ 196	6.7	6 40.71	+2.4373+.0031	-26 2 5.2	+ 4.623-.348	96.5	2
1353	CZ 198	8.0	6 42.37	+2.2540+.0031	-32 11 0.8	+ 4.621-.322	98.0	2
1354	CZ 211	8.4	6 59.97	+2.3253+.0031	-29 52 18.2	+ 4.596-.332	96.5	2
1355	CZ 214	8.4	7 1.10	+2.2289+.0031	-32 57 50.1	+ 4.594-.318	97.9	2
1356	A 3126	9.2	7 5.24	+2.4505+.0031	-25 33 11.6	+ 4.588-.350	96.6	2
1357	CZ 225	8.7	7 10.51	+2.1133+.0033	-36 23 52.7	+ 4.581-.302	98.0	2
1358	CZ 219	9.2	7 11.67	+2.3906+.0030	-27 39 36.8	+ 4.579-.341	97.0	2
1359	CZ 237	7.4	7 22.76	+2.1604+.0032	-35 1 35.3	+ 4.564-.308	97.9	2
1360	CZ 236	9.0	7 27.72	+2.3861+.0030	-27 48 34.2	+ 4.557-.340	97.0	2
1361	CZ 242	8.0	7 36.50	+2.2582+.0031	-32 1 50.8	+ 4.544-.323	98.0	2
1362	CZ 244	7.2	7 38.78	+2.3104+.0030	-30 20 50.6	+ 4.541-.330	99.0	2
1363	CZ 248	8.2	7 50.32	+2.1942+.0032	-34 0 3.8	+ 4.524-.313	98.0	2
1364	CZ 256	8.8	8 0.22	+2.3701+.0030	-28 20 36.0	+ 4.510-.338	96.5	2
1365	CZ 293	7.0	8 51.74	+2.4000+.0030	-27 17 46.1	+ 4.437-.343	99.1	2
1366	CZ 296	7.4	8 55.80	+2.4004+.0030	-27 16 38.8	+ 4.431-.343	99.1	2
1367	CZ 316*	7.8	9 44.02	+2.5160+.0031	-23 6 18.7	+ 4.363-.360	99.0	2
1368	CZ 323	8.2	9 47.03	+2.2567+.0031	-32 1 14.8	+ 4.359-.323	97.9	2
1369	CZ 324	8.3	9 47.32	+2.2566+.0031	-32 1 21.3	+ 4.358-.323	97.9	2
1370	GC 6009	7.5	9 49.05	+2.5517+.0031	-21 45 58.8	+ 4.356-.365	99.1	2
1371	CZ 329	7.9	9 52.11	+2.2514+.0031	-32 11 3.1	+ 4.351-.322	98.0	2
1372	CZ 330	8.9	9 53.70	+2.2987+.0030	-30 40 29.8	+ 4.349-.329	96.6	2
1373	CZ 342	6.9	10 13.43	+2.1264+.0032	-35 56 24.0	+ 4.321-.305	97.0	3
1374	CZ 341	8.0	10 19.82	+2.4101+.0030	-26 54 34.0	+ 4.312-.345	96.6	2
1375	CZ 346	7.0	10 27.39	+2.4268+.0030	-26 19 17.6	+ 4.301-.347	99.1	2
1376	CZ 352	7.4	10 36.73	+2.4051+.0030	-27 4 37.8	+ 4.288-.344	99.0	2
1377	CZ 360	8.2	10 38.99	+2.2098+.0031	-33 27 45.3	+ 4.284-.316	98.0	2
1378	L 1773	5.8	10 56.57	+2.1204+.0032	-36 5 29.7	+ 4.260-.304	97.0	3
1379	CZ 366	7.6	11 14.26	+2.3648+.0030	-28 26 56.7	+ 4.234-.339	99.1	2
1380	Pi 35	5.0	11 23.68	+2.4052+.0030	-27 3 18.7	+ 4.221-.344	99.1	2
1381	CZ 375	7.9	11 28.22	+2.3220+.0030	-29 52 17.8	+ 4.214-.333	99.1	2
1382	CZ 373	7.4	11 32.12	+2.5177+.0031	-23 0 24.1	+ 4.209-.361	99.1	2
1383	CZ 383	8.8	11 37.18	+2.0962+.0032	-36 45 48.7	+ 4.202-.300	98.0	1
1384	CZ 381*	8.6	11 38.94	+2.3294+.0030	-29 37 33.9	+ 4.199-.334	96.6	2
1385	CZ 385	7.8	11 39.02	+2.0960+.0032	-36 45 56.6	+ 4.199-.300	97.9	2
1386	CZ 403	7.3	12 11.54	+2.1556+.0031	-35 2 19.4	+ 4.153-.309	98.5	4
1387	CZ 406	8.4	12 24.42	+2.3312+.0030	-29 32 45.6	+ 4.134-.334	96.6	2
1388	CZ 410	8.2	12 25.56	+2.2848+.0030	-31 3 40.5	+ 4.133-.328	99.0	2
1389	CZ 424	8.6	12 38.05	+2.2173+.0031	-33 10 34.6	+ 4.115-.318	98.0	2
1390	CZ 420	8.8	12 39.74	+2.4219+.0030	-26 26 43.0	+ 4.112-.347	97.0	2
1391	CZ 425	7.5	12 40.27	+2.2352+.0030	-32 37 24.7	+ 4.112-.320	98.0	2
1392	L 1786	6.9	12 43.64	+2.2018+.0031	-33 38 49.6	+ 4.107-.316	98.0	2
1393	CZ 438	7.7	13 12.76	+2.2740+.0030	-31 23 21.5	+ 4.065-.326	98.0	2
1394	o Columbae	4.9	13 52.66	+2.1558+.0031	-34 59 34.5	+ 4.008-.309	98.0	8
1395	CZ 472	7.4	14 4.68	+2.2044+.0030	-33 32 20.7	+ 3.991-.316	98.0	2
1396	CZ 481	9.2	14 18.63	+2.4131+.0030	-26 43 13.6	+ 3.971-.346	97.1	2
1397	CZ 487	8.6	14 24.13	+2.1843+.0031	-34 8 10.1	+ 3.963-.314	99.1	3
1398	CZ 492	8.5	14 27.42	+2.2038+.0030	-33 32 49.2	+ 3.959-.316	98.0	1
1399	CZ 512	9.0	15 15.81	+2.3902+.0030	-27 29 43.6	+ 3.889-.343	96.6	2
1400	Pi 59	5.8	5 15 24.53	+2.3908+.0030	-27 28 17.5	+ 3.877-.344	98.0	8

1367 9<sup>m</sup>5 10" 10°.1384 9<sup>m</sup>0 2" 210°.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
I401	CZ 518	7.3	5 15 25.68	+2.4548+.0030	-25 13 34.3	+ 3.875-.353	99.1	2
I402	CZ 534*	8.2	15 37.61	+2.1941+.0030	-33 48 40.2	+ 3.858-.315	98.6	2
I403	CZ 533	8.0	15 42.76	+2.4320+.0030	-26 1 54.2	+ 3.851-.350	99.1	2
I404	GC 6140	9.0	16 10.41	+2.5600+.0030	-21 20 23.5	+ 3.811-.368	99.1	1
I405	Lal 10063	4.7	16 10.75	+2.5600+.0030	-21 20 25.1	+ 3.811-.368	99.1	2
I406	L 1809	6.6	16 44.59	+2.1602+.0031	-34 47 56.4	+ 3.762-.311	97.9	2
I407	CZ 564	8.8	16 46.61	+2.3141+.0029	-30 1 3.7	+ 3.759-.333	96.1	2
I408	CZ 569	7.9	16 50.87	+2.3356+.0029	-29 18 21.8	+ 3.753-.336	99.1	2
I409	CZ 587	7.5	17 20.08	+2.3090+.0029	-30 10 13.8	+ 3.711-.332	99.0	2
I410	CZ 600	6.2	17 39.57	+2.1715+.0030	-34 26 36.4	+ 3.684-.313	97.9	2
I411	L 1810	5.1	17 39.98	+2.4636+.0029	-24 52 11.3	+ 3.683-.354	99.1	2, 1
I412	A 3263	8.8	17 48.14	+2.5003+.0030	-23 32 9.2	+ 3.671-.360	96.6	2
I413	CZ 609	8.9	17 59.54	+2.3668+.0029	-28 14 17.6	+ 3.655-.341	96.5	2
I414	CZ 625	8.2	18 27.36	+2.2306+.0030	-32 38 9.6	+ 3.615-.321	98.0	2
I415	L 1826	8.0	18 36.01	+2.0235+.0032	-38 35 6.8	+ 3.603-.292	98.0	8
I416	CZ 639	8.4	18 44.68	+2.1383+.0031	-35 23 32.9	+ 3.590-.308	99.0	2
I417	CZ 641	9.2	18 54.05	+2.3574+.0029	-28 32 11.6	+ 3.577-.340	<sup>(96.6)</sup> 96.4	2, 3
I418	CZ 650	6.5	19 10.88	+2.4081+.0029	-26 48 0.6	+ 3.553-.347	99.1	2
I419	GC 6221	8.0	19 25.04	+2.5303+.0029	-22 24 1.1	+ 3.532-.364	99.1	2
I420	CZ 661	7.5	19 27.41	+2.2555+.0029	-31 50 25.0	+ 3.529-.325	98.0	2
I421	CZ 662	9.0	19 32.76	+2.3782+.0029	-27 49 17.3	+ 3.521-.343	96.6	2
I422	CZ 690	9.1	20 4.28	+2.4341+.0029	-25 52 36.4	+ 3.476-.351	97.0	2
I423	CZ 694	8.1	20 7.15	+2.2422+.0029	-32 14 35.2	+ 3.472-.323	97.9	2
I424	CZ 701	7.2	20 12.17	+2.0650+.0032	-37 25 44.1	+ 3.465-.298	99.0	2
I425	CZ 708	7.8	20 31.15	+2.1673+.0030	-34 30 29.0	+ 3.437-.313	98.0	2
I426	CZ 714	8.1	20 38.27	+2.1421+.0030	-35 14 31.4	+ 3.427-.309	98.0	2
I427	CZ 712	8.9	20 42.42	+2.3405+.0029	-29 4 10.3	+ 3.421-.338	96.6	2
I428	CZ 715	9.2	20 42.76	+2.3311+.0029	-29 22 47.0	+ 3.421-.336	96.6	2
I429	CZ 717	9.2	20 47.47	+2.3406+.0029	-29 3 45.6	+ 3.414-.338	97.1	1
I430	CZ 739	8.2	21 20.34	+2.1738+.0030	-34 18 0.9	+ 3.367-.314	98.0	2
I431	CZ 738	9.1	21 24.23	+2.4057+.0029	-26 50 37.1	+ 3.361-.347	97.0	2
I432	CZ 750	7.4	21 43.84	+2.1519+.0030	-34 56 10.5	+ 3.333-.311	97.9	2
I433	GC 6290	8.0	21 47.41	+2.0943+.0031	-36 35 0.9	+ 3.328-.302	99.0	2
I434	CZ 758	9.2	22 6.98	+2.3088+.0029	-30 5 13.5	+ 3.300-.333	96.6	2
I435	CZ 765	7.0	22 16.82	+2.2392+.0029	-32 17 45.5	+ 3.285-.323	98.0	2
I436	CZ 767	9.0	22 19.08	+2.1341+.0030	-35 26 23.9	+ 3.282-.309	98.0	2
I437	CZ 768	8.5	22 19.55	+2.1342+.0030	-35 26 19.4	+ 3.281-.309	98.0	2
I438	CZ 772	8.0	22 29.67	+2.2296+.0029	-32 35 18.0	+ 3.267-.322	98.0	2
I439	CZ 802	6.7	23 15.75	+2.0901+.0030	-36 40 13.5	+ 3.201-.302	98.0	2
I440	GC 6321	6.8	23 20.88	+2.5539+.0029	-21 27 36.7	+ 3.193-.369	99.1	2
I441	CZ 803	7.3	23 21.13	+2.2592+.0029	-31 39 4.8	+ 3.193-.326	98.1	2
I442	L 1849	7.1	23 23.66	+2.4099+.0028	-26 40 4.1	+ 3.189-.348	98.0	8
I443	CZ 818	9.0	23 37.67	+2.3092+.0028	-30 2 41.0	+ 3.169-.334	96.5	2
I444	CZ 821	7.0	23 38.83	+2.1588+.0030	-34 41 52.6	+ 3.167-.312	98.0	2
I445	CZ 817	7.1	23 40.87	+2.4369+.0028	-25 43 11.9	+ 3.164-.352	99.1	2
I446	CZ 822	9.1	23 44.22	+2.3056+.0028	-30 9 39.5	+ 3.160-.333	97.0	2
I447	L 1855	6.8	24 7.37	+2.2315+.0029	-32 29 58.2	+ 3.126-.323	98.1	8
I448	CPD-22° 802	7.1	24 9.44	+2.5252+.0028	-22 31 10.5	+ 3.123-.365	99.1	2
I449	CZ 838	8.8	24 20.63	+2.3069+.0028	-30 6 28.9	+ 3.107-.334	97.0	2
I450	CZ 845	7.8	5 24 31.44	+2.2181+.0029	-32 54 17.5	+ 3.092-.321	98.1	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
1451	CZ 843	8.8	5 24 31.90	+2.3272+.0028	-29 26 31.0	+ 3.091-.336	97.1	2
1452	CZ 846	8.0	24 32.76	+2.2499+.0029	-31 55 16.4	+ 3.090-.325	98.1	2
1453	CZ 849	8.4	24 37.80	+2.3274+.0028	-29 25 52.6	+ 3.082-.337	97.1	2
1454	CZ 848	7.7	24 40.00	+2.4752+.0028	-24 20 27.8	+ 3.079-.358	99.1	2
1455	L 1868	5.5	24 48.50	+2.0658+.0030	-37 18 49.1	+ 3.067-.299	99.0	2
1456	CZ 867	8.0	25 7.59	+2.0784+.0030	-36 57 44.0	+ 3.039-.301	98.0	2
1457	CZ 872	7.0	25 16.30	+2.3037+.0028	-30 11 46.0	+ 3.027-.333	99.1	2
1458	GC 6386	7.1	25 27.92	+2.5172+.0028	-22 47 49.3	+ 3.010-.364	98.0	8
1459	CZ 880	7.7	25 36.70	+2.2774+.0028	-31 2 5.7	+ 2.998-.329	98.0	2
1460	CZ 886	8.6	25 53.97	+2.4174+.0028	-26 22 8.6	+ 2.973-.350	96.5	2
1461	CZ 888	8.9	25 55.26	+2.4206+.0028	-26 15 17.8	+ 2.971-.350	96.6	2
1462	CZ 901	8.3	26 17.00	+2.3543+.0028	-28 30 47.6	+ 2.939-.341	96.6	2
1463	CZ 903	9.0	26 19.72	+2.3650+.0028	-28 9 19.0	+ 2.935-.342	97.1	2
1464	CZ 913	9.2	26 35.26	+2.3454+.0028	-28 48 26.3	+ 2.913-.340	96.6	2
1465	CZ 927	9.4	26 50.14	+2.3927+.0028	-27 12 25.7	+ 2.892-.346	97.1	2
1466	CZ 940	8.0	27 10.30	+2.2399+.0028	-32 11 13.7	+ 2.862-.324	98.0	2
1467	ε Columbae	3.9	27 39.74	+2.1271+.0029	-35 32 38.2	+ 2.820-.308	98.1	9
1468	CZ 997	8.0	28 38.12	+2.1928+.0028	-33 36 6.3	+ 2.736-.318	97.9	2
1469	L 1890	5.8	29 32.73	+2.1377+.0029	-35 12 29.3	+ 2.657-.310	98.0	2
1470	CZ 1035	8.6	29 35.30	+2.2816+.0028	-30 50 13.0	+ 2.653-.331	96.5	2
1471	L 1892	6.8	29 39.42	+2.1663+.0028	-34 22 23.9	+ 2.647-.314	97.9	2
1472	CZ 1043	8.9	29 48.55	+2.5103+.0027	-22 59 39.1	+ 2.634-.364	96.6	2
1473	CZ 1054	8.2	29 59.82	+2.3616+.0027	-28 13 1.7	+ 2.618-.342	96.6	2
1474	CZ 1056	7.1	30 0.88	+2.3101+.0027	-29 55 2.1	+ 2.616-.335	99.1	2
1475	CZ 1059*	9.0	30 3.75	+2.3650+.0027	-28 6 8.8	+ 2.612-.343	97.0	2
1476	CZ 1073	8.8	30 21.15	+2.4937+.0027	-23 35 36.8	+ 2.587-.362	96.0	1
1477	CZ 1079	8.4	30 36.56	+2.4956+.0027	-23 31 20.9	+ 2.564-.362	96.5	3
1478	CPD-35° 684	8.4	30 56.09	+2.1121+.0029	-35 55 13.9	+ 2.536-.306	99.1	2
1479	CZ 1096	9.3	31 6.76	+2.3798+.0027	-27 35 7.1	+ 2.521-.345	97.0	2
1480	CZ 1099	8.0	31 10.32	+2.2517+.0028	-31 45 36.4	+ 2.516-.327	98.0	2
1481	CZ 1108	8.0	31 22.98	+2.1897+.0028	-33 39 15.6	+ 2.497-.318	98.0	2
1482	CZ 1105	8.8	31 25.10	+2.3900+.0027	-27 13 59.0	+ 2.494-.347	97.1	2
1483	CZ 1111	8.6	31 29.41	+2.1252+.0028	-35 32 19.4	+ 2.488-.308	99.1	2
1484	CZ 1112	8.5	31 32.00	+2.1903+.0028	-33 37 55.5	+ 2.484-.318	98.0	2
1485	L 1902	5.7	31 34.47	+2.2064+.0028	-33 8 51.5	+ 2.481-.320	98.0	2
1486	CZ 1118	8.3	31 43.08	+2.3768+.0027	-27 40 41.8	+ 2.468-.345	97.1	2
1487	CZ 1122	6.8	31 47.01	+2.2000+.0028	-33 20 11.0	+ 2.462-.319	98.1	2
1488	CZ 1126	9.0	31 55.97	+2.2790+.0027	-30 53 24.5	+ 2.450-.331	96.6	2
1489	CZ 1124	9.3	31 56.45	+2.3756+.0027	-27 43 3.8	+ 2.449-.345	96.1	1
1490	CZ 1133	8.0	32 7.26	+2.2880+.0027	-30 35 55.2	+ 2.433-.332	97.1	1
1491	Pi 169	6.4	32 15.58	+2.3441+.0027	-28 46 13.3	+ 2.421-.340	98.0	8
1492	CZ 1162	8.0	33 0.13	+2.1506+.0028	-34 47 1.2	+ 2.357-.312	98.1	2
1493	CZ 1167	7.0	33 2.23	+2.1389+.0028	-35 7 26.7	+ 2.354-.311	98.0	2
1494	Pi 177	6.0	33 19.46	+2.3688+.0027	-27 55 46.7	+ 2.329-.344	99.1	2
1495	CZ 1186	7.9	33 41.27	+2.4025+.0026	-26 46 40.5	+ 2.297-.349	99.1	2
1496	CZ 1193	7.4	33 44.75	+2.3461+.0027	-28 41 6.2	+ 2.292-.341	99.0	2
1497	Pi 183	5.3	33 50.39	+2.3441+.0027	-28 44 59.2	+ 2.284-.340	99.0	2
1498	CZ 1203	8.0	33 56.90	+2.3366+.0027	-28 59 45.0	+ 2.274-.339	99.1	2
1499	CZ 1201	8.8	33 58.46	+2.4535+.0026	-24 59 44.1	+ 2.272-.356	96.1	2
1500	CZ 1207	6.8	5 34 8.05	+2.3881+.0026	-27 16 5.7	+ 2.258-.347	99.1	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
1501	CZ 1213	6.6	5 34 12.84	+2.1513+.0028	-34 44 53.2	+ 2.251-.313	97.9	2
1502	CZ 1224	8.3	34 39.32	+2.3394+.0026	-28 53 38.9	+ 2.213-.340	97.6	4
1503	CZ 1226	9.5	34 41.75	+2.3616+.0026	-28 9 18.6	+ 2.209-.343	98.1	1
1504	CZ 1228	9.3	34 45.40	+2.3636+.0026	-28 5 12.2	+ 2.204-.343	97.1	3
1505	CZ 1252	8.0	35 23.61	+2.3126+.0026	-29 45 58.6	+ 2.149-.336	99.0	2
1506	CZ 1274	7.5	35 57.26	+2.4870+.0026	-23 46 32.1	+ 2.100-.361	99.1	2
1507	CZ 1287	9.0	36 1.59	+2.0846+.0028	-36 37 12.1	+ 2.094-.303	99.1	3
1508	$\alpha$ Columbae	2.7	36 1.69	+2.1716+.0027	-34 7 38.8	+ 2.093-.316	98.1	13
1509	L 1936	5.5	36 7.90	+2.2197+.0027	-32 40 53.6	+ 2.085-.323	97.0	2
1510	CZ 1301	7.5	36 19.91	+2.2643+.0026	-31 17 55.5	+ 2.067-.329	98.0	2
1511	CZ 1322	8.2	37 1.17	+2.3118+.0026	-29 46 20.3	+ 2.007-.336	96.6	2
1512	CZ 1329	8.1	37 6.25	+2.2610+.0026	-31 23 29.0	+ 2.000-.329	96.4	4
1513	CZ 1338	7.8	37 15.52	+2.0835+.0028	-36 38 12.9	+ 1.986-.303	98.1	2
1514	CZ 1332	8.1	37 16.49	+2.4124+.0026	-26 23 49.8	+ 1.985-.351	97.1	3
1515	CZ 1333	9.1	37 17.38	+2.4123+.0026	-26 24 13.0	+ 1.984-.351	97.1	3
1516	CZ 1357	8.2	37 47.39	+2.1307+.0027	-35 17 49.6	+ 1.940-.310	99.0	2
1517	L 1955	6.8	37 47.41	+2.1937+.0027	-33 26 59.5	+ 1.940-.319	97.9	2
1518	CZ 1348	9.1	37 47.47	+2.3617+.0026	-28 7 4.3	+ 1.940-.344	97.0	2, 3
1519	Br 828	5.9	38 1.53	+2.5236+.0026	-22 25 19.7	+ 1.920-.367	99.1	2
1520	CZ 1373	8.8	38 16.94	+2.4523+.0026	-24 59 40.1	+ 1.897-.357	96.7	3
1521	L 1962	6.5	38 22.92	+2.2862+.0026	-30 35 0.9	+ 1.889-.332	98.1	8
1522	CZ 1382	8.6	38 23.32	+2.2425+.0026	-31 57 22.3	+ 1.888-.326	99.1	2
1523	L 1964	5.3	38 40.08	+2.1505+.0027	-34 43 1.2	+ 1.864-.313	98.1	2
1524	CZ 1412	7.5	39 15.91	+2.1746+.0026	-34 0 14.2	+ 1.812-.316	98.1	2
1525	CZ 1417	7.5	39 25.63	+2.4178+.0026	-26 11 23.5	+ 1.798-.352	96.6	2
1526	GC 6716	6.8	39 31.53	+2.5490+.0026	-21 28 22.7	+ 1.789-.371	99.1	2
1527	CZ 1425	7.0	39 35.20	+2.1924+.0026	-33 28 15.0	+ 1.784-.319	98.1	2
1528	A 3573	7.4	39 35.98	+2.5529+.0026	-21 19 27.7	+ 1.783-.372	99.1	2
1529	L 1973	6.5	40 12.03	+1.9768+.0028	-39 27 5.2	+ 1.730-.288	98.0	8
1530	CZ 1456	9.3	40 13.38	+2.3450+.0026	-28 39 15.4	+ 1.728-.341	97.0	2
1531	Br 836	6.6	40 16.46	+2.5223+.0025	-22 27 17.0	+ 1.724-.367	99.1	2
1532	$\gamma$ Leporis	3.8	40 17.70	+2.5216+.0025	-22 28 50.3	+ 1.722-.367	98.1	8
1533	CZ 1470	9.2	40 35.02	+2.4142+.0025	-26 18 17.9	+ 1.697-.351	97.1	2, 3
1534	GC 6742	7.0	40 36.32	+2.5426+.0025	-21 42 3.5	+ 1.695-.370	99.1	2
1535	CZ 1475	8.5	40 39.89	+2.4175+.0025	-26 11 32.5	+ 1.690-.352	97.1	2, 3
1536	CZ 1483	8.2	40 48.92	+2.3051+.0026	-29 57 12.2	+ 1.677-.336	96.5	3
1537	CZ 1488	9.0	40 59.58	+2.3074+.0025	-29 52 38.7	+ 1.661-.336	97.1	1
1538	CZ 1499	7.7	41 12.30	+2.4830+.0025	-23 52 35.7	+ 1.643-.362	97.1	3
1539	CZ 1515	7.5	41 28.15	+2.2495+.0026	-31 42 36.5	+ 1.620-.328	98.2	2
1540	CZ 1522	8.8	41 52.55	+2.3809+.0025	-27 26 12.2	+ 1.584-.347	96.2	1
1541	CPD-31° 894	8.2	41 55.48	+2.2543+.0026	-31 33 16.6	+ 1.580-.328	99.0	2
1542	CZ 1527	9.3	41 58.61	+2.3805+.0025	-27 26 48.2	+ 1.575-.347	96.6	2
1543	CZ 1532	7.0	42 5.00	+2.4882+.0025	-23 41 0.4	+ 1.566-.362	99.0	2
1544	$\mu$ Columbae	5.2	42 16.93	+2.2287+.0026	-32 20 39.6	+ 1.549-.324	98.0	8
1545	CZ 1550	8.8	42 27.26	+2.4106+.0025	-26 24 54.6	+ 1.534-.351	96.1	2
1546	CZ 1568	7.8	42 59.49	+2.3361+.0025	-28 55 24.2	+ 1.487-.340	99.1	2
1547	CZ 1575	6.0	43 10.13	+2.3436+.0025	-28 40 31.0	+ 1.471-.341	99.1	2
1548	CZ 1584	7.0	43 12.63	+2.0946+.0026	-36 16 3.0	+ 1.468-.305	98.1	2
1549	Pi 241	7.0	43 22.69	+2.3884+.0025	-27 10 10.1	+ 1.453-.348	98.1	8
1550	CZ 1596	8.9	5 43 29.06	+2.3946+.0025	-26 57 31.7	+ 1.444-.349	96.0	1

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
1551	CZ 1605	6.7	5 43 47.26	+2.1141+.0026	-35 42 39.5	+ 1.417-.308	98.1	2
1552	CZ 1604	8.0	43 50.94	+2.2609+.0025	-31 20 2.5	+ 1.412-.329	99.0	2
1553	CZ 1606	9.3	43 54.90	+2.3932+.0025	-27 0 4.1	+ 1.406-.348	96.2	1
1554	GC 6819	7.5	43 58.20	+2.0852+.0026	-36 31 18.4	+ 1.401-.304	99.0	2
1555	CZ 1618	9.4	44 7.94	+2.2776+.0025	-30 48 21.1	+ 1.387-.332	96.1	2
1556	CZ 1636	8.0	44 25.06	+2.1560+.0026	-34 30 14.3	+ 1.362-.314	98.0	2
1557	CZ 1648	7.0	44 40.61	+2.1912+.0025	-33 27 49.1	+ 1.340-.319	98.0	2
1558	CZ 1655	8.2	44 47.71	+2.1398+.0026	-34 58 8.4	+ 1.329-.312	98.1	2
1559	CZ 1653	8.4	44 52.57	+2.4832+.0024	-23 50 34.8	+ 1.322-.362	96.5	2
1560	CZ 1671	7.0	45 9.01	+2.2242+.0025	-32 27 29.1	+ 1.298-.324	98.0	2
1561	CZ 1678	8.3	45 18.93	+2.2481+.0025	-31 43 20.4	+ 1.284-.328	98.6	4
1562	CZ 1684	6.6	45 25.13	+2.2216+.0025	-32 32 8.2	+ 1.275-.324	98.0	2
1563	CZ 1691	8.4	45 34.96	+2.4111+.0024	-26 22 38.9	+ 1.261-.351	96.4	3
1564	Pi 252	5.8	45 42.89	+2.5063+.0024	-23 0 7.0	+ 1.249-.365	99.0	2
1565	CZ 1717	8.4	45 59.98	+2.0593+.0026	-37 12 54.2	+ 1.224-.300	99.0	2
1566	CZ 1718	7.2	46 5.74	+2.2820+.0025	-30 39 0.3	+ 1.216-.332	99.1	2
1567	CZ 1731	8.0	46 27.78	+2.1527+.0025	-34 34 57.1	+ 1.184-.314	98.0	2
1568	CZ 1730	7.0	46 28.24	+2.2115+.0025	-32 50 12.5	+ 1.183-.322	98.0	2
1569	GC 6891	6.8	47 17.86	+2.5075+.0024	-22 57 5.1	+ 1.111-.365	99.0	2
1570	$\beta$ Columbae	3.2	47 26.09	+2.1098+.0026	-35 48 22.0	+ 1.099-.307	98.0	8
1571	CZ 1792	8.1	47 49.74	+2.2454+.0024	-31 47 18.0	+ 1.064-.327	99.0	2
1572	CZ 1786	7.2	47 49.92	+2.4433+.0024	-25 14 35.7	+ 1.064-.356	99.0	2
1573	CZ 1797	7.5	48 3.80	+2.4225+.0024	-25 58 8.5	+ 1.044-.353	96.1	3
1574	CZ 1799	6.5	48 7.70	+2.3181+.0024	-29 28 23.9	+ 1.038-.338	99.1	2
1575	CZ 1812	8.3	48 22.52	+2.4124+.0024	-26 18 52.5	+ 1.017-.352	96.5	2
1576	CZ 1818	7.8	48 25.67	+2.1051+.0025	-35 56 0.1	+ 1.012-.307	97.9	2
1577	CZ 1821	9.0	48 34.94	+2.3284+.0024	-29 8 16.5	+ 0.999-.339	96.6	2
1578	CZ 1840	10	48 59.19	+2.3309+.0024	-29 3 18.0	+ 0.963-.340	96.5	3
1579	CZ 1850	8.0	49 7.73	+2.2266+.0024	-32 21 41.5	+ 0.951-.325	98.0	2
1580	CZ 1855	7.0	49 14.01	+2.1522+.0025	-34 34 51.9	+ 0.942-.314	98.0	2
1581	$\lambda$ Columbae	4.9	49 29.09	+2.1780+.0025	-33 49 24.6	+ 0.920-.318	98.1	2
1582	CZ 1863	8.2	49 33.37	+2.2112+.0024	-32 49 37.7	+ 0.913-.322	98.1	2
1583	CZ 1866	9.0	49 40.26	+2.3517+.0024	-28 21 58.1	+ 0.903-.343	96.6	2
1584	CZ 1875	8.0	49 40.64	+2.0677+.0025	-36 57 49.0	+ 0.903-.301	98.1	2
1585	CZ 1896	8.9	50 15.53	+2.3286+.0024	-29 7 21.5	+ 0.852-.340	96.2	2
1586	CZ 1899	6.2	50 21.39	+2.3273+.0024	-29 9 54.3	+ 0.844-.339	99.0	2
1587	CZ 1914	6.5	50 36.61	+2.1051+.0025	-35 55 18.5	+ 0.821-.307	97.9	2
1588	CZ 1908	7.2	50 39.08	+2.4015+.0023	-26 40 45.2	+ 0.818-.350	99.1	2
1589	CZ 1945	7.6	51 18.95	+2.1824+.0024	-33 40 56.8	+ 0.760-.318	98.0	2
1590	GC 6988	7.4	51 38.65	+2.5410+.0023	-21 42 6.0	+ 0.731-.370	99.0	2
1591	CZ 1960	7.4	51 46.12	+2.3035+.0024	-29 56 2.2	+ 0.720-.336	99.0	2
1592	GC 7000	7.0	51 54.90	+2.5562+.0023	-21 8 15.7	+ 0.707-.373	99.0	2
1593	CZ 1964	6.0	52 2.39	+2.5096+.0023	-22 51 16.6	+ 0.696-.366	99.1	2
1594	$\xi$ Columbae	5.0	52 3.51	+2.0610+.0025	-37 8 6.8	+ 0.695-.301	98.0	8
1595	CZ 1970	8.2	52 10.68	+2.4750+.0023	-24 6 11.6	+ 0.684-.361	96.1	2
1596	CZ 1975	7.0	52 13.63	+2.2525+.0024	-31 32 48.4	+ 0.680-.328	98.0	2
1597	CZ 1978	7.0	52 24.33	+2.4992+.0023	-23 13 46.0	+ 0.664-.364	96.1	2
1598	$\sigma$ Columbae	5.5	52 35.13	+2.2573+.0024	-31 23 47.1	+ 0.649-.329	98.0	2
1599	CZ 2002	8.0	52 52.88	+2.1901+.0024	-33 26 52.2	+ 0.623-.319	98.1	2
1600	CZ 2013	6.6	5 53 5.07	+2.2381+.0024	-31 59 20.1	+ 0.605-.326	98.1	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
1601	CZ 2023	8.5	5	53	19.79	+2.3353+	.0023	-28	53	27.1	+0.584-	.340	96.1	3
1602	$\gamma$ Columbae	4.4		53	59.47	+2.1267+	.0024	-35	17	38.9	+0.526-	.310	98.0	8
1603	CZ 2061	7.4		54	12.35	+2.2399+	.0023	-31	55	50.1	+0.507-	.327	98.1	2
1604	CZ 2070	8.0		54	16.95	+2.1548+	.0024	-34	29	6.9	+0.500-	.314	99.1	2
1605	CZ 2083	9.0		54	37.93	+2.2688+	.0023	-31	1	40.1	+0.470-	.331	96.1	2
1606	CZ 2117	8.2		55	32.73	+2.1771+	.0023	-33	49	32.8	+0.390-	.318	99.0	2
1607	CZ 2113	7.2		55	33.23	+2.2305+	.0023	-32	12	56.0	+0.389-	.325	97.9	2
1608	GC 7118	7.8		56	6.49	+2.1243+	.0023	-35	21	31.4	+0.340-	.310	99.1	2
1609	CZ 2151	8.9		56	27.48	+2.0630+	.0024	-37	3	58.8	+0.310-	.301	99.1	2
1610	CZ 2152 <sup>1*</sup>	8.6		56	36.20	+2.2681+	.0023	-31	2	44.3	+0.297-	.331	96.6	2
1611	CZ 2152 <sup>2*</sup>	8.5		56	36.54	+2.2681+	.0023	-31	2	46.0	+0.297-	.331	97.0	1
1612	CZ 2173	8.7		56	59.54	+2.0641+	.0024	-37	2	11.9	+0.263-	.301	99.0	2
1613	CZ 2174	5.9		57	9.39	+2.4375+	.0022	-25	25	9.2	+0.249-	.355	99.0	2
1614	CZ 2185	9.0		57	32.81	+2.4217+	.0022	-25	57	59.1	+0.215-	.353	96.2	2
1615	CZ 2191	8.0		57	36.73	+2.0627+	.0023	-37	4	25.5	+0.209-	.301	98.1	2
1616	L 2108	5.6		57	38.79	+2.1741+	.0023	-33	54	45.1	+0.206-	.317	98.0	8
1617	CZ 2192	7.9		57	40.44	+2.0847+	.0023	-36	28	13.5	+0.203-	.304	99.0	2
1618	CZ 2197	7.5		57	55.10	+2.3811+	.0022	-27	21	27.3	+0.182-	.347	99.0	2
1619	GC 7170	7.6		58	6.27	+2.1352+	.0022	-35	2	40.5	+0.166-	.312	99.1	2
1620	CZ 2205	7.1		58	8.56	+2.3791+	.0022	-27	25	26.9	+0.163-	.346	99.0	2
1621	CZ 2218	8.7		58	29.63	+2.4820+	.0021	-23	50	21.7	+0.132-	.362	96.6	2
1622	CZ 2253	8.3		59	12.78	+2.1945+	.0022	-33	18	11.4	+0.069-	.320	99.1	2
1623	Pi 327	5.2		59	13.77	+2.4125+	.0022	-26	17	2.4	+0.068-	.352	98.0	8
1624	CZ 2279	7.5	5	59	41.45	+2.0701+	.0023	-36	52	9.9	+0.027-	.302	98.1	2
1625	CZ 2294	8.0	6	0	15.08	+2.3215+	.0022	-29	20	0.5	-0.022-	.338	99.1	2
1626	L 2124	5.6		0	37.17	+2.2318+	.0022	-32	10	12.5	-0.054-	.325	97.9	2
1627	CZ 2317	7.5		0	47.20	+2.3603+	.0021	-28	3	14.7	-0.069-	.344	99.0	2
1628	CZ 2320	9.0		0	49.39	+2.3630+	.0021	-27	57	52.6	-0.072-	.344	96.4	3
1629	CZ 14	8.0	1	8	9.97	+2.0783+	.0022	-36	38	46.0	-0.101-	.303	99.0	2
1630	CZ 26	8.4	1	29	8.3	+2.2138+	.0022	-32	43	20.7	-0.131-	.323	98.1	2
1631	GC 7255*	8.3	1	30	3.37	+2.3418+	.0021	-28	40	2.6	-0.132-	.341	96.6	2
1632	GC 7254*	8.2	1	30	3.37	+2.3419+	.0021	-28	39	54.0	-0.132-	.341	96.6	2
1633	CZ 29	6.9	1	38	2.3	+2.4723+	.0021	-24	11	11.3	-0.143-	.360	96.6	2
1634	CZ 35	9.0	1	46	1.6	+2.3305+	.0021	-29	2	23.6	-0.155-	.340	96.6	2
1635	GC 7269	7.8	1	49	6.1	+2.1882+	.0022	-33	29	34.4	-0.160-	.319	99.1	2
1636	CZ 45	5.9	1	55	1.8	+2.1190+	.0022	-35	30	19.4	-0.168-	.309	98.1	2
1637	CZ 49	8.5	1	57	0.8	+2.1182+	.0022	-35	31	44.2	-0.171-	.309	98.1	2
1638	L 2130	5.7	2	14	5.4	+2.3088+	.0021	-29	44	50.5	-0.196-	.337	98.0	8
1639	Pi 342	5.5	2	21	8.5	+2.5026+	.0020	-23	5	57.0	-0.207-	.365	98.1	8
1640	CZ 70	7.5	2	25	4.6	+2.1976+	.0022	-33	12	36.0	-0.212-	.320	98.2	2
1641	Yarn 2598	7.9	2	29	6.6	+2.4907+	.0021	-23	31	47.2	-0.218-	.363	97.1	2
1642	CZ 72	8.3	2	32	9.4	+2.4239+	.0021	-25	53	18.7	-0.223-	.353	97.1	2
1643	CZ 73	9.2	2	33	1.7	+2.4266+	.0021	-25	47	48.3	-0.223-	.354	96.6	2
1644	CZ 78	7.8	2	37	1.5	+2.3485+	.0021	-28	26	48.5	-0.229-	.342	97.0	2
1645	CZ 77	8.1	2	39	4.7	+2.4518+	.0021	-24	55	0.1	-0.233-	.357	99.1	2
1646	GC 7300	8.2	2	41	1.5	+2.5031+	.0020	-23	4	52.5	-0.235-	.365	99.1	2
1647	GC 7302	6.8	2	43	6.6	+2.5381+	.0020	-21	48	1.0	-0.239-	.370	99.1	2
1648	CZ 90	9.0	2	57	0.4	+2.4523+	.0021	-24	53	56.6	-0.258-	.357	96.6	2
1649	CZ 94	7.8	2	59	8.9	+2.2566+	.0021	-31	24	18.8	-0.262-	.329	98.2	2
1650	CZ 96	9.5	6	3	3.11	+2.3614+	.0021	-28	1	7.6	-0.267-	.344	96.6	2

1610-1 Mean  $36^{\circ}28' 43''.7$   $96^{\circ}1'$  4 obs.1631-2 Mean  $30^{\circ}37' 58''.6$   $96^{\circ}0'$  1 obs.

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
1651	CZ 97	9.0	6 3 7.11	+2.3568+.0021	-28 10 21.8	-0.273-.343	96.6	2
1652	GC 7315	7.6	3 19.80	+2.3880+.0021	-27 7 20.7	-0.291-.348	97.1	2
1653	CZ 107	8.3	3 23.52	+2.2412+.0022	-31 53 10.7	-0.297-.326	98.1	2
1654	CZ 109	7.7	3 25.62	+2.2211+.0022	-32 30 11.5	-0.300-.324	98.5	4
1655	L 2142	5.9	3 27.50	+2.1609+.0022	-34 17 57.8	-0.303-.315	96.6	2
1656	CZ 125	8.2	3 50.57	+2.0646+.0022	-37 1 21.8	-0.336-.301	98.2	2
1657	CZ 129	7.9	3 53.18	+2.0587+.0022	-37 11 11.5	-0.340-.300	<sup>{98.7}</sup> <sub>{98.5}</sub>	2, 3
1658	CZ 130	8.0	3 56.13	+2.1295+.0022	-35 12 39.4	-0.344-.310	99.1	2
1659	CZ 134	8.4	4 1.60	+2.0910+.0022	-36 17 43.2	-0.352-.305	98.1	2
1660	CZ 132	7.8	4 4.81	+2.4380+.0020	-25 24 7.8	-0.357-.355	99.0	2
1661	$\theta$ Columbae	5.1	4 5.92	+2.0568+.0022	-37 14 19.3	-0.359-.300	98.1	8
1662	CZ 137	7.0	4 6.28	+2.1498+.0022	-34 37 31.8	-0.359-.313	99.0	2
1663	CZ 135	8.8	4 9.68	+2.3502+.0021	-28 23 41.4	-0.364-.342	96.1	2
1664	Paris 7344	5.5	4 45.62	+2.5216+.0020	-22 24 34.0	-0.416-.367	99.1	2
1665	CZ 187	8.1	5 18.95	+2.0978+.0022	-36 6 32.5	-0.465-.306	99.1	2
1666	Lal 11784	5.7	5 36.05	+2.5121+.0020	-22 45 27.0	-0.490-.366	99.0	2
1667	CZ 196	6.5	5 47.09	+2.4011+.0020	-26 40 56.5	-0.506-.350	99.1	2
1668	CZ 227	7.5	6 16.77	+2.3074+.0021	-29 47 55.8	-0.549-.336	99.0	2
1669	CZ 228	9.3	6 17.90	+2.2794+.0021	-30 41 41.2	-0.551-.332	96.2	1
1670	CZ 237	9.0	6 29.72	+2.2811+.0021	-30 38 35.7	-0.568-.332	96.6	2
1671	Pi 17	5.8	6 35.89	+2.3880+.0020	-27 7 55.2	-0.577-.348	99.1	2
1672	CZ 246	8.8	6 37.31	+2.2814+.0021	-30 37 57.6	-0.579-.332	97.0	1
1673	L 2182	5.6	6 56.70	+1.9381+.0021	-40 20 6.9	-0.608-.282	98.0	8
1674	GC 7414	6.8	6 57.46	+2.1442+.0021	-34 47 45.5	-0.609-.312	99.0	2
1675	A 3989	9.0	7 0.86	+2.3486+.0020	-28 27 14.6	-0.614-.342	96.2	2
1676	CZ 271	6.0	7 12.84	+2.4077+.0020	-26 27 35.4	-0.631-.350	99.0	2
1677	CZ 282	8.0	7 17.01	+2.2459+.0021	-31 45 3.6	-0.637-.327	98.1	2
1678	CZ 290	8.1	7 28.79	+2.3908+.0020	-27 2 3.4	-0.654-.348	99.0	2
1679	GC 7433	7.8	7 37.80	+2.1767+.0021	-33 50 52.3	-0.667-.317	99.1	2
1680	GC 7431	7.8	7 40.15	+2.3652+.0020	-27 54 22.5	-0.671-.344	99.1	2
1681	CZ 307	8.8	7 52.23	+2.0883+.0021	-36 23 5.0	-0.688-.304	99.1	2
1682	GC 7440	8.9	8 0.05	+2.4298+.0020	-25 41 44.3	-0.700-.354	96.2	2
1683	CZ 338	7.6	8 38.18	+2.3326+.0020	-28 59 26.3	-0.755-.339	99.0	2
1684	CZ 342	7.4	8 43.70	+2.3714+.0020	-27 42 0.0	-0.763-.345	99.1	3
1685	CZ 343	8.2	8 45.06	+2.3708+.0020	-27 43 9.8	-0.765-.345	99.1	2
1686	CZ 348	8.8	8 57.60	+2.4222+.0020	-25 57 55.1	-0.784-.352	96.1	2
1687	CZ 353	8.5	8 57.74	+2.3712+.0020	-27 42 28.7	-0.784-.345	99.1	2
1688	CZ 358	7.5	9 0.85	+2.0829+.0021	-36 32 16.2	-0.788-.303	98.1	2
1689	CZ 357	7.5	9 4.15	+2.3494+.0020	-28 26 14.2	-0.793-.342	99.0	2
1690	CZ 365*	8.4	9 15.57	+2.0806+.0021	-36 36 15.7	-0.810-.303	98.1	2
1691	CZ 371	8.5	9 23.42	+2.0642+.0021	-37 3 15.7	-0.821-.300	98.0	2
1692	CZ 372	8.6	9 25.80	+2.1531+.0021	-34 32 47.6	-0.825-.313	98.1	2
1693	CZ 374	6.5	9 37.33	+2.4826+.0019	-23 50 11.9	-0.842-.361	99.1	2
1694	CZ 381	6.8	9 41.38	+2.3211+.0020	-29 22 3.6	-0.848-.338	99.0	2
1695	CZ 424	7.0	10 38.85	+2.3149+.0020	-29 34 24.4	-0.931-.337	99.0	2
1696	CZ 447	9.2	11 0.52	+2.3183+.0020	-29 27 52.1	-0.963-.337	96.2	2
1697	CZ 451	8.1	11 7.38	+2.2761+.0020	-30 49 18.2	-0.973-.331	99.1	2
1698	CZ 454	7.0	11 9.33	+2.3224+.0020	-29 19 57.9	-0.976-.338	99.0	2
1699	CZ 483	8.1	11 46.89	+2.2221+.0020	-32 30 8.4	-1.030-.323	99.1	2
1700	CZ 487	8.6	6 11 49.06	+2.1408+.0020	-34 55 0.4	-1.033-.311	99.0	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	'	"		
1701	CZ 485	8.8	6	11	55.46	+2.4429+	.0019	-25	15	24.7	-1.043-	.355	96.5	2
1702	CZ 498	7.2		12	6.17	+2.3096+	.0020	-29	45	15.5	-1.058-	.336	99.1	2
1703	CZ 525	8.0		12	35.76	+2.1717+	.0020	-34	1	12.0	-1.102-	.316	98.0	2
1704	GC 7574	6.0		12	51.12	+2.5152+	.0018	-22	40	17.7	-1.124-	.366	99.1	2
1705	CZ 539	7.5		12	54.93	+2.1243+	.0020	-35	23	47.4	-1.129-	.309	98.0	2
1706	GC 7578	7.8		12	55.43	+2.5243+	.0018	-22	20	13.7	-1.130-	.367	99.1	2
1707	$\kappa$ Columbae	4.5		12	59.62	+2.1345+	.0020	-35	6	25.3	-1.136-	.310	98.0	2
1708	CZ 543	9.0		13	3.59	+2.3244+	.0019	-29	16	38.5	-1.142-	.338	97.0	2
1709	CZ 540	7.2		13	4.89	+2.4775+	.0018	-24	2	12.6	-1.144-	.360	99.0	2
1710	CZ 551	8.6		13	9.28	+2.3237+	.0019	-29	18	8.1	-1.150-	.338	96.2	1
1711	CZ 555	7.2		13	14.42	+2.3958+	.0019	-26	53	46.7	-1.158-	.348	99.0	2
1712	CZ 566	6.3		13	17.36	+1.9832+	.0020	-39	13	39.0	-1.162-	.288	96.8	3
1713	CZ 564	8.5		13	26.75	+2.4222+	.0019	-25	59	10.9	-1.176-	.352	96.5	3
1714	CZ 577	8.1		13	35.33	+2.1056+	.0020	-35	55	50.6	-1.188-	.306	98.0	2
1715	GC 7609	6.0		13	43.64	+2.0592+	.0020	-37	12	55.6	-1.200-	.299	99.0	2
1716	CZ 585	8.2		13	50.38	+2.1840+	.0020	-33	39	49.8	-1.210-	.317	99.1	2
1717	CZ 592	7.6		14	4.36	+2.2719+	.0019	-30	58	13.3	-1.231-	.330	99.1	2
1718	CZ 624	7.4		14	50.41	+2.4514+	.0018	-24	58	19.8	-1.298-	.356	99.1	2
1719	CZ 630	8.7		14	54.55	+2.3212+	.0019	-29	23	43.2	-1.304-	.337	96.1	2
1720	CZ 639	7.6		15	10.05	+2.4526+	.0018	-24	55	59.5	-1.326-	.356	99.0	2
1721	CZ 640	8.4		15	10.43	+2.4531+	.0018	-24	54	56.1	-1.327-	.356	99.1	2
1722	CZ 648	7.9		15	14.10	+2.1082+	.0019	-35	52	11.0	-1.332-	.306	99.0	2
1723	GC 7652	6.8		15	25.18	+2.5322+	.0018	-22	3	38.2	-1.348-	.368	99.1	2
1724	CZ 662	7.6		15	40.34	+2.3949+	.0018	-26	56	20.5	-1.370-	.348	96.2	2
1725	CZ 670	8.4		15	42.27	+2.0865+	.0019	-36	29	1.0	-1.373-	.303	99.1	2
1726	L 2228	5.8		16	4.69	+2.1612+	.0019	-34	21	12.4	-1.406-	.314	98.0	2
1727	CZ 694	8.0		16	23.22	+2.3037+	.0019	-29	58	26.3	-1.433-	.334	99.1	2
1728	GC 7675	6.7		16	26.22	+2.4904+	.0018	-23	35	27.7	-1.437-	.361	99.2	2
1729	$\zeta$ Canis Maj	3.1		16	28.48	+2.3023+	.0019	-30	1	8.1	-1.440-	.334	98.1	8
1730	CZ 704	7.5		16	39.58	+2.4720+	.0018	-24	15	16.9	-1.456-	.359	99.0	2
1731	CZ 723	8.5		16	48.01	+2.0931+	.0019	-36	18	29.4	-1.469-	.304	98.1	2
1732	L 2234	5.6		16	59.18	+2.1702+	.0019	-34	5	57.3	-1.485-	.315	98.0	2
1733	CZ 741	7.0		17	4.53	+2.3147+	.0019	-29	37	19.9	-1.493-	.336	99.1	2
1734	CPD-35° 904	8.6		17	9.20	+2.1183+	.0019	-35	36	8.1	-1.499-	.307	99.1	2
1735	CZ 773	8.0		17	45.06	+2.2064+	.0019	-33	1	26.1	-1.552-	.320	98.1	2
1736	CZ 797	8.6		18	11.18	+2.2056+	.0019	-33	3	1.9	-1.590-	.320	98.1	2
1737	CZ 793	7.6		18	14.90	+2.4921+	.0017	-23	32	32.2	-1.595-	.362	96.2	2
1738	CPD-34° 905	8.2		18	15.98	+2.1495+	.0019	-34	42	50.4	-1.596-	.312	99.1	2
1739	$\delta$ Columbae	4.0		18	27.51	+2.1946+	.0019	-33	23	8.7	-1.613-	.318	98.1	8
1740	CZ 812	7.0		18	30.34	+2.1399+	.0019	-34	59	38.4	-1.617-	.310	98.0	2
1741	GC 7742	7.2		18	51.11	+2.4654+	.0017	-24	30	19.1	-1.647-	.357	99.0	2
1742	CZ 825	8.2		18	52.57	+2.1802+	.0019	-33	49	9.7	-1.650-	.316	99.1	2
1743	CZ 838	7.7		19	14.82	+2.1889+	.0019	-33	33	47.8	-1.682-	.317	98.0	2
1744	CZ 853	6.5		19	29.90	+2.2488+	.0018	-31	44	18.6	-1.704-	.326	98.0	2
1745	CZ 862	7.0		19	38.54	+2.3096+	.0018	-29	48	31.1	-1.716-	.335	99.0	2
1746	GC 7770	7.0		19	38.83	+2.1420+	.0018	-34	56	40.6	-1.717-	.310	99.1	2
1747	CZ 866	9.4		19	47.42	+2.4106+	.0018	-26	25	56.1	-1.729-	.349	96.6	2
1748	L 2250	5.7		19	52.15	+2.4368+	.0017	-25	31	24.4	-1.736-	.353	96.6	2
1749	CZ 878	8.1		19	59.78	+2.1990+	.0018	-33	16	5.6	-1.747-	.318	98.1	2
1750	CZ 882	6.6	6	20	11.83	+2.4120+	.0018	-26	23	28.2	-1.765-	.349	99.0	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
1751	CZ 899	7.2	6 20 18.14	+2.0707+.0018	-36 57 39.8	- 1.774-.300	98.1	2
1752	GC 7792	8.1	20 25.53	+2.3865+.0018	-27 15 51.5	- 1.785-.346	96.6	2
1753	L 2265	5.7	20 32.89	+2.0819+.0018	-36 39 19.3	- 1.795-.302	98.1	8
1754	Pi 112	7.5	20 38.08	+2.0822+.0017	-36 38 55.2	- 1.803-.302	97.5	6
1755	CZ 921	6.9	20 50.78	+2.3432+.0018	-28 43 16.4	- 1.821-.339	96.5	3
1756	CZ 948	8.8	21 17.84	+2.0863+.0018	-36 32 30.6	- 1.861-.302	98.1	2
1757	CZ 965	6.8	21 48.95	+2.3154+.0018	-29 38 43.3	- 1.906-.335	99.0	2
1758	CZ 968	8.1	21 52.05	+2.2597+.0018	-31 25 23.3	- 1.910-.327	97.3	4
1759	CZ 973	6.5	21 55.91	+2.1408+.0018	-35 0 20.4	- 1.916-.310	98.1	2
1760	GC 7841	8.8	22 3.38	+2.1417+.0018	-34 58 48.1	- 1.927-.310	98.2	2
1761	CZ 975	7.9	22 3.59	+2.1417+.0018	-34 58 51.0	- 1.927-.310	98.1	3
1762	CZ 979	8.2	22 10.62	+2.1187+.0018	-35 38 23.7	- 1.937-.306	99.1	2
1763	CZ 991	8.0	22 24.26	+2.1315+.0018	-35 16 44.6	- 1.957-.308	98.1	2
1764	CZ 1001	9.0	22 41.17	+2.4537+.0017	-24 57 18.5	- 1.982-.355	96.1	2
1765	CZ 1015	7.0	22 58.93	+2.1972+.0018	-33 21 22.0	- 2.007-.318	99.0	2
1766	CZ 1017	8.3	23 4.85	+2.2477+.0018	-31 48 41.0	- 2.016-.325	96.6	2
1767	CZ 1018	6.0	23 9.63	+2.4301+.0017	-25 47 21.5	- 2.023-.351	96.6	2
1768	CZ 1039	8.5	23 21.01	+2.0643+.0018	-37 10 20.4	- 2.039-.298	98.0	2
1769	CZ 1035	7.9	23 22.28	+2.2384+.0018	-32 6 10.8	- 2.041-.324	98.0	2
1770	CZ 1052	9.2	23 39.38	+2.4306+.0017	-25 46 37.7	- 2.066-.352	96.6	2
1771	CZ 1061	7.0	23 43.35	+2.2238+.0018	-32 33 24.5	- 2.072-.322	96.2	1
1772	$\lambda$ Canis Maj	4.5	24 27.75	+2.2254+.0018	-32 31 1.4	- 2.136-.322	98.1	9
1773	CZ 1105	9.2	24 47.35	+2.3350+.0017	-29 1 58.9	- 2.165-.338	96.6	2
1774	L 2300	5.8	24 55.93	+2.2324+.0018	-32 18 24.1	- 2.177-.323	98.0	2
1775	CZ 1113	8.0	25 1.44	+2.2172+.0018	-32 46 22.2	- 2.185-.320	99.1	2
1776	GC 7918	6.8	25 13.34	+2.5216+.0015	-22 31 29.6	- 2.202-.364	99.0	2
1777	Anon	9	25 13.52	+2.5216+.0015	-22 31 30.8	- 2.203-.364	99.1	1
1778	CZ 1149	8.0	25 50.29	+2.1758+.0017	-34 1 40.3	- 2.256-.314	99.2	2
1779	CZ 1148	9.0	25 53.40	+2.3347+.0017	-29 3 22.9	- 2.260-.337	96.6	2
1780	A 4338	7.4	26 25.61	+2.5294+.0015	-22 15 8.9	- 2.307-.365	99.1	2
1781	CZ 1190	8.1	26 46.74	+2.4178+.0016	-26 15 14.3	- 2.338-.349	96.2	2
1782	Pi 148	5.8	26 48.73	+2.3757+.0016	-27 42 0.0	- 2.341-.343	98.1	8
1783	GC 7974	7.4	27 14.02	+2.5542+.0015	-21 20 5.7	- 2.377-.369	99.1	2
1784	CZ 1212	8.9	27 14.12	+2.4125+.0016	-26 26 39.1	- 2.377-.348	96.8	4
1785	CZ 1214	8.9	27 14.83	+2.4119+.0016	-26 27 48.9	- 2.378-.348	97.1	3
1786	CZ 1216	7.4	27 17.11	+2.1457+.0017	-34 55 51.1	- 2.382-.310	98.0	2
1787	CZ 1225	8.0	27 29.91	+2.1294+.0017	-35 24 18.2	- 2.400-.307	98.0	2
1788	CZ 1224	8.9	27 37.02	+2.4840+.0016	-23 55 16.7	- 2.410-.358	96.6	2
1789	L 2319	5.8	27 39.38	+2.1370+.0017	-35 11 17.5	- 2.414-.308	98.0	2
1790	$\xi$ Canis Maj	4.4	27 41.38	+2.4999+.0015	-23 20 46.7	- 2.417-.361	99.0	2
1791	CZ 1238	6.8	27 42.30	+2.2176+.0017	-32 47 49.9	- 2.418-.320	98.1	2
1792	CZ 1243	8.4	27 42.42	+2.1243+.0017	-35 33 9.8	- 2.418-.306	99.2	2
1793	L 2324	6.8	28 7.14	+2.0777+.0017	-36 52 11.2	- 2.454-.300	98.0	2
1794	CZ 1273	7.8	28 18.33	+2.0694+.0017	-37 6 2.4	- 2.470-.298	98.0	2
1795	GC 8012	7.1	28 46.56	+2.3872+.0016	-27 19 57.2	- 2.511-.344	99.0	2
1796	CZ 1291	9.0	28 52.46	+2.2454+.0017	-31 57 26.4	- 2.520-.324	98.1	2
1797	L 2330	5.7	28 54.44	+2.2454+.0017	-31 57 21.1	- 2.523-.324	98.1	2
1798	CZ 1293	9.0	28 58.00	+2.3716+.0016	-27 51 56.2	- 2.528-.342	96.2	2
1799	CZ 1301	8.0	29 3.97	+2.3818+.0016	-27 31 17.2	- 2.536-.343	96.2	2
1800	CZ 1327	7.0	6 29 43.21	+2.2396+.0017	-32 9 1.3	- 2.593-.322	98.1	2



No.	Name.	Mag.	R. A 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
1801	L 2338	6.8	6 29 48.54	+2.0165+.0016	-38 32 54.3	- 2.601-.290	98.1	8
1802	CZ 1351	8.6	30 8.05	+2.2134+.0017	-32 57 40.6	- 2.629-.319	99.0	2
1803	CZ 1358	8.8	30 15.91	+2.3215+.0016	-29 32 53.6	- 2.640-.334	97.0	1
1804	CZ 1360	8.4	30 16.00	+2.3214+.0016	-29 33 2.9	- 2.640-.334	96.6	2
1805	L 2341	5.5	30 19.17	+2.1044+.0016	-36 9 26.0	- 2.645-.303	98.1	2
1806	Br 972	4.5	30 51.88	+2.5136+.0014	-22 53 7.7	- 2.692-.362	98.1	8
1807	L 2347	5.6	30 52.84	+2.2243+.0016	-32 38 14.4	- 2.694-.320	98.1	2
1808	CZ 1389	7.0	31 3.50	+2.3076+.0016	-30 0 44.5	- 2.709-.332	99.1	2
1809	L 2350	7.2	31 5.20	+2.1816+.0016	-33 55 50.2	- 2.712-.314	99.1	2
1810	CPD-31° 1236	7.7	31 10.74	+2.2702+.0016	-31 12 41.2	- 2.720-.327	99.1	2
1811	CZ 1401	8.1	31 12.31	+2.2527+.0016	-31 45 52.4	- 2.722-.324	98.0	2
1812	CZ 1403	8.2	31 12.34	+2.2378+.0016	-32 13 35.8	- 2.722-.322	99.2	2
1813	GC 8078	7.0	31 17.05	+2.5369+.0014	-22 1 39.2	- 2.729-.365	99.0	2
1814	CZ 1412	8.0	31 25.82	+2.1465+.0016	-34 58 9.2	- 2.741-.309	98.2	2
1815	CZ 1422	8.0	31 36.96	+2.2545+.0016	-31 42 47.0	- 2.757-.324	98.0	2
1816	CZ 1424	8.4	31 40.98	+2.2610+.0016	-31 30 36.0	- 2.763-.325	98.1	2
1817	L 2359	5.6	31 55.66	+2.0860+.0016	-36 41 57.6	- 2.784-.300	98.0	2
1818	CPD-24° 1556	7.9	31 59.22	+2.4615+.0015	-24 46 58.6	- 2.790-.354	99.0	2
1819	CZ 1446	7.0	32 3.16	+2.1047+.0016	-36 10 33.0	- 2.795-.302	98.2	3
1820	CZ 1448	8.1	32 10.25	+2.3827+.0016	-27 31 55.1	- 2.805-.343	96.6	2
1821	CZ 1456	7.2	32 14.76	+2.3465+.0016	-28 45 9.9	- 2.812-.337	99.1	2
1822	CZ 1458	7.8	32 17.82	+2.4142+.0015	-26 27 3.8	- 2.816-.347	99.1	2
1823	CZ 1463	7.0	32 23.37	+2.1110+.0016	-36 0 11.9	- 2.824-.303	98.0	2
1824	CZ 1464	7.8	32 24.86	+2.1429+.0016	-35 5 24.3	- 2.827-.308	99.1	2
1825	GC 8109*	6.5	32 28.76	+2.5237+.0014	-22 31 51.4	- 2.832-.363	99.0	2
1826	CZ 1481	8.4	32 42.06	+2.1095+.0016	-36 3 9.3	- 2.851-.303	98.0	2
1827	CZ 1476	7.1	32 42.88	+2.2522+.0016	-31 48 13.1	- 2.853-.324	98.0	2
1828	CZ 1483	8.6	32 44.22	+2.0913+.0016	-36 33 52.3	- 2.854-.301	98.2	2
1829	CZ 1485	8.5	32 53.44	+2.4081+.0015	-26 40 20.2	- 2.868-.346	96.1	2
1830	CZ 1498	7.3	33 8.23	+2.3508+.0016	-28 37 14.7	- 2.889-.338	99.0	2
1831	CZ 1503	8.6	33 10.19	+2.1078+.0016	-36 6 25.9	- 2.892-.303	98.1	2
1832	CZ 1505	7.1	33 16.92	+2.2417+.0016	-32 8 19.8	- 2.902-.322	98.0	2
1833	L 2376	5.7	33 45.95	+2.0797+.0016	-36 54 18.3	- 2.944-.299	97.1	6
1834	L 2374	5.3	34 2.86	+2.2384+.0016	-32 15 17.3	- 2.968-.321	97.0	4
1835	CZ 1546	6.8	34 13.09	+2.4981+.0014	-23 29 31.0	- 2.983-.359	99.0	2
1836	CZ 1560	8.0	34 19.12	+2.1115+.0016	-36 1 28.8	- 2.991-.303	98.0	2
1837	CZ 1576	7.5	34 51.05	+2.3803+.0015	-27 39 14.9	- 3.037-.342	96.6	2
1838	GC 8192	8.4	35 12.92	+2.3383+.0015	-29 4 14.8	- 3.069-.335	<sup>96.6</sup> 96.5	2, 3
1839	CZ 1605	5.9	35 26.61	+2.4955+.0014	-23 36 16.5	- 3.089-.358	97.1	2
1840	CZ 1613	7.8	35 29.54	+2.2555+.0016	-31 44 42.1	- 3.093-.323	99.0	2
1841	CZ 1632	8.2	35 42.81	+2.1328+.0016	-35 26 29.7	- 3.112-.306	98.0	2
1842	L 2388	5.8	35 52.82	+2.2988+.0016	-30 22 25.9	- 3.127-.329	96.8	3
1843	A 4521	7.6	36 9.28	+2.5581+.0013	-21 17 50.5	- 3.150-.367	99.0	2
1844	CZ 1663	7.8	36 16.62	+2.2220+.0016	-32 47 59.7	- 3.161-.318	98.0	2
1845	CZ 1665	8.6	36 16.92	+2.2225+.0016	-32 46 57.9	- 3.161-.317	98.0	1
1846	CZ 1669	7.6	36 26.24	+2.4227+.0014	-26 13 1.9	- 3.175-.347	96.6	2
1847	GC 8241	7.0	36 37.76	+2.3659+.0015	-28 10 17.1	- 3.191-.339	99.0	2
1848	CZ 1700	8.1	36 55.81	+2.1787+.0015	-34 7 10.8	- 3.217-.312	99.1	2
1849	CZ 1705	8.2	37 1.56	+2.2262+.0015	-32 41 4.0	- 3.225-.319	98.0	2
1850	CZ 1713	9.0	6 37 10.01	+2.2969+.0015	-30 27 30.2	- 3.238-.329	96.6	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
1851	CZ 1719	7.4	6 37 18.49	+2.2941+.0015	-30 33 3.4	- 3.250-.329	99.1	2
1852	CZ 1721	9.0	37 20.02	+2.2982+.0015	-30 25 5.0	- 3.252-.329	97.1	1
1853	CZ 1732	7.5	37 33.83	+2.1692+.0015	-34 24 50.2	- 3.272-.310	98.0	2
1854	CZ 1743	7.2	37 46.93	+2.3852+.0015	-27 32 16.6	- 3.291-.342	99.0	2
1855	CZ 1752	8.5	37 58.69	+2.4817+.0014	-24 8 40.6	- 3.308-.356	<sup>96.4</sup> <sub>96.5</sub>	4, 3
1856	CZ 1767	8.5	38 15.26	+2.4820+.0014	-24 8 12.6	- 3.331-.356	96.8	3
1857	GC 8287	7.2	38 16.64	+2.5095+.0013	-23 8 6.2	- 3.333-.359	99.0	2
1858	CZ 1782	8.0	38 32.78	+2.2629+.0015	-31 34 7.9	- 3.357-.324	98.0	2
1859	GC 8294	6.5	38 33.35	+2.5308+.0013	-22 21 10.8	- 3.357-.362	99.1	2
1860	GC 8295	8.4	38 34.12	+2.5307+.0013	-22 21 24.9	- 3.358-.362	99.1	2
1861	CZ 1805	8.6	38 52.53	+2.0321+.0014	-38 18 2.3	- 3.385-.290	97.1	2
1862	L 2418	7.8	38 53.24	+2.0321+.0014	-38 18 3.0	- 3.386-.290	97.1	2
1863	CZ 1802	8.2	38 54.62	+2.1752+.0015	-34 15 45.5	- 3.388-.311	99.0	2
1864	A 4586	7.4	38 59.72	+2.5467+.0012	-21 45 46.8	- 3.395-.364	99.1	2
1865	CZ 1811	7.0	39 0.30	+2.2297+.0015	-32 36 51.3	- 3.396-.319	98.0	2
1866	CZ 1824	8.0	39 10.90	+2.0968+.0015	-36 31 54.7	- 3.411-.300	98.1	2
1867	CZ 1816	6.5	39 12.14	+2.3384+.0015	-29 8 16.3	- 3.413-.335	96.1	2
1868	CZ 1817	7.2	39 13.39	+2.3648+.0014	-28 15 10.2	- 3.415-.338	99.0	2
1869	CZ 1823	8.9	39 16.66	+2.3418+.0015	-29 1 17.8	- 3.420-.335	97.1	2
1870	CZ 1831	8.4	39 29.02	+2.4287+.0014	-26 3 22.1	- 3.438-.347	96.6	2
1871	CZ 1844	8.4	39 37.85	+2.3266+.0015	-29 32 6.8	- 3.450-.333	96.6	2
1872	CZ 1851	7.4	39 49.19	+2.4466+.0014	-25 26 2.8	- 3.466-.350	99.1	2
1873	CZ 1861	7.5	39 54.82	+2.3876+.0014	-27 29 25.6	- 3.475-.341	99.1	2
1874	CZ 1877	7.9	40 14.53	+2.2397+.0015	-32 19 47.0	- 3.503-.320	98.0	2
1875	CZ 1880	8.8	40 15.95	+2.2294+.0015	-32 38 59.2	- 3.505-.318	98.0	2
1876	CZ 1883	8.4	40 19.17	+2.2504+.0015	-31 59 42.5	- 3.510-.322	96.4	2
1877	L 2429	5.2	40 40.18	+2.2831+.0015	-30 58 3.7	- 3.540-.326	99.0	2
1878	CZ 1911	9.2	40 51.32	+2.3444+.0014	-28 58 12.0	- 3.556-.335	97.1	2
1879	CZ 1909	6.2	40 52.40	+2.3952+.0014	-27 14 47.3	- 3.557-.342	96.6	2
1880	CZ 1938	7.0	41 12.70	+2.2985+.0015	-30 28 56.5	- 3.586-.328	99.1	2
1881	CZ 1931	6.8	41 13.06	+2.5047+.0013	-23 21 30.1	- 3.587-.358	99.0	2
1882	CZ 1944	7.8	41 20.75	+2.2652+.0015	-31 33 1.3	- 3.598-.324	98.1	2
1883	CZ 1948	7.9	41 22.73	+2.1513+.0015	-35 1 4.0	- 3.601-.307	99.0	2, 1
1884	L 2437	5.9	41 38.46	+2.2613+.0015	-31 40 45.3	- 3.623-.323	96.4	3
1885	GC 8376	6.7	41 39.83	+2.5767+.0011	-20 40 9.2	- 3.625-.368	97.2	2
1886	L 2438*	5.9	41 42.40	+2.2876+.0015	-30 50 38.4	- 3.629-.326	99.0	2
1887	GC 8383	7.2	41 49.60	+2.5773+.0011	-20 38 52.8	- 3.639-.368	98.2	1
1888	CZ 1988	8.7	41 59.62	+2.0914+.0014	-36 44 35.7	- 3.654-.298	98.0	2
1889	CZ 2004	7.0	42 23.23	+2.3307+.0014	-29 27 14.1	- 3.688-.332	99.0	2
1890	CZ 2007	8.2	42 29.02	+2.4867+.0013	-24 2 10.3	- 3.696-.355	96.6	2
1891	CZ 2023	8.0	42 35.42	+2.1820+.0014	-34 8 10.8	- 3.705-.312	98.0	2
1892	CZ 2056	8.5	43 11.39	+2.1015+.0014	-36 29 16.0	- 3.757-.299	98.0	2
1893	CZ 2060	8.7	43 26.77	+2.4892+.0013	-23 57 48.6	- 3.779-.355	97.1	2
1894	CZ 2072	7.3	43 31.21	+2.3614+.0014	-28 26 56.6	- 3.785-.336	99.0	2
1895	CZ 2073	8.2	43 32.18	+2.3610+.0014	-28 27 50.6	- 3.786-.336	99.0	2
1896	CZ 2086	8.9	43 37.57	+2.2552+.0014	-31 54 53.9	- 3.794-.321	96.1	2
1897	L 2455	5.2	43 56.07	+2.0541+.0014	-37 49 9.2	- 3.821-.292	98.1	8
1898	CZ 2112	8.0	44 10.40	+2.3053+.0014	-30 19 26.1	- 3.841-.328	99.0	2
1899	CZ 2135	7.6	44 36.93	+2.5136+.0012	-23 5 19.6	- 3.879-.358	99.0	2
1900	CZ 2142	7.7	6 44 40.06	+2.3724+.0014	-28 6 7.7	- 3.883-.338	99.1	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
1901	CZ 2157	8.2	6 44 50.62	+2.2772+.0014	-31 14 42.4	- 3.899-.324	98.1	2
1902	CZ 2166	7.1	44 57.89	+2.3269+.0014	-29 37 50.0	- 3.909-.331	99.1	2
1903	CZ 2170	7.4	45 3.12	+2.4347+.0013	-25 56 57.0	- 3.916-.346	99.1	2
1904	CZ 2184	8.8	45 10.86	+2.1323+.0014	-35 39 18.9	- 3.928-.303	98.1	2
1905	CZ 2185	7.0	45 13.17	+2.1608+.0014	-34 49 24.8	- 3.931-.307	98.1	2
1906	CZ 2188	7.0	45 21.45	+2.3504+.0014	-28 51 33.6	- 3.943-.334	99.0	2
1907	CZ 2198	7.2	45 30.62	+2.3600+.0014	-28 32 17.2	- 3.956-.336	99.1	2
1908	CZ 2194	8.5	45 32.77	+2.4904+.0012	-23 57 31.7	- 3.959-.354	99.0	2
1909	CZ 2199	6.9	45 34.90	+2.4904+.0012	-23 57 37.9	- 3.962-.354	99.1	3
1910	CZ 2217	7.4	45 47.80	+2.2404+.0014	-32 25 37.9	- 3.980-.319	98.0	2
1911	CZ 2230	8.4	45 59.90	+2.0896+.0014	-36 53 19.2	- 3.998-.297	99.1	2
1912	CZ 2228	7.2	46 6.03	+2.3990+.0013	-27 13 4.9	- 4.006-.341	99.0	2
1913	$\kappa$ Canis Maj	3.8	46 6.35	+2.2417+.0014	-32 23 34.1	- 4.007-.318	98.1	8
1914	CZ 2238	9.1	46 20.71	+2.3999+.0013	-27 11 30.0	- 4.027-.341	96.6	2
1915	CZ 2252	7.5	46 31.12	+2.1972+.0014	-33 46 9.5	- 4.042-.312	99.1	2
1916	CZ 2247	6.5	46 32.60	+2.4437+.0013	-25 39 41.0	- 4.044-.347	99.1	2
1917	L 2479	5.6	46 36.57	+2.2676+.0014	-31 35 22.2	- 4.050-.322	98.2	2
1918	Pi 262	8.0	46 39.60	+2.2678+.0014	-31 35 2.9	- 4.054-.322	98.2	2
1919	CPD-26° 1493	9.2	46 39.67	+2.4067+.0013	-26 57 53.9	- 4.054-.342	97.2	2
1920	CZ 2255	8.4	46 39.82	+2.2749+.0014	-31 21 33.4	- 4.055-.323	99.1	2
1921	CZ 2272	8.4	46 48.33	+2.0995+.0013	-36 37 42.9	- 4.067-.298	98.2	2
1922	CZ 2270	7.1	46 50.63	+2.2812+.0014	-31 9 34.6	- 4.070-.324	99.0	2
1923	CZ 2271	9.2	46 51.36	+2.3051+.0014	-30 23 18.5	- 4.071-.327	97.1	2
1924	CZ 2274	9.0	46 56.31	+2.3030+.0014	-30 27 35.5	- 4.078-.327	96.1	1
1925	CZ 2280	8.4	47 2.72	+2.3594+.0013	-28 35 23.5	- 4.087-.335	97.1	2
1926	CZ 2278	8.8	47 3.47	+2.4078+.0013	-26 55 59.3	- 4.088-.342	96.6	2
1927	CZ 2290*	9.0	47 10.00	+2.3589+.0013	-28 36 48.2	- 4.098-.335	96.2	1
1928	CZ 2288	8.1	47 10.65	+2.4018+.0013	-27 8 33.2	- 4.099-.341	96.6	2
1929	L 2486	5.1	47 14.14	+2.1818+.0014	-34 14 57.2	- 4.104-.310	98.1	8
1930	CZ 2307	7.9	47 16.40	+2.0915+.0013	-36 51 55.5	- 4.107-.297	98.2	2
1931	CZ 2311	8.0	47 27.18	+2.1850+.0014	-34 9 29.2	- 4.122-.310	98.0	2
1932	CZ 2322	8.0	47 36.52	+2.2533+.0014	-32 3 53.1	- 4.136-.320	98.0	2
1933	CZ 2331*	8.1	47 47.15	+2.4217+.0013	-26 27 43.3	- 4.151-.344	97.1	2
1934	CZ 2348	8.6	48 6.61	+2.3816+.0013	-27 51 32.3	- 4.178-.338	97.1	2
1935	L 2493	6.0	48 10.81	+2.1191+.0013	-36 6 29.5	- 4.184-.300	98.0	2
1936	CZ 2353	8.8	48 13.36	+2.3438+.0013	-29 8 32.1	- 4.188-.332	96.6	2
1937	CZ 2369	8.2	48 22.76	+2.1978+.0014	-33 47 46.0	- 4.202-.312	98.1	2
1938	Lal 13335	7.3	48 23.80	+2.5693+.0010	-21 3 44.5	- 4.203-.364	99.0	3
1939	CZ 2377	7.9	48 33.82	+2.2595+.0014	-31 53 35.4	- 4.217-.320	98.1	2
1940	CZ 2376	6.8	48 37.62	+2.4355+.0012	-25 59 40.7	- 4.223-.345	99.0	2
1941	CZ 2381	8.6	48 39.50	+2.3828+.0013	-27 49 53.3	- 4.225-.338	96.2	1
1942	CZ 2398	8.8	48 47.93	+2.1797+.0014	-34 21 4.2	- 4.237-.309	98.1	2, 1
1943	CZ 2403	8.0	48 53.59	+2.2448+.0014	-32 21 40.7	- 4.245-.318	98.2	2
1944	CZ 2404	7.5	48 59.17	+2.4119+.0013	-26 49 58.8	- 4.253-.342	99.1	3
1945	CZ 2408	8.1	49 3.89	+2.4899+.0012	-24 2 36.4	- 4.260-.353	96.6	2
1946	A 4794	8.4	49 6.28	+2.4913+.0012	-23 59 37.2	- 4.264-.353	96.6	2
1947	GC 8607	7.0	49 14.63	+2.4758+.0012	-24 33 36.2	- 4.275-.351	99.1	2
1948	A 4798	8.8	49 18.29	+2.4916+.0012	-23 59 16.7	- 4.281-.353	97.1	1
1949	Pi 278	6.0	49 35.08	+2.3667+.0013	-28 24 11.0	- 4.305-.335	99.1	2
1950	CZ 2440	7.5	6 49 40.96	+2.4886+.0012	-24 6 20.4	- 4.313-.352	99.1	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
1951	CZ 2451	8.6	6 49 41.04	+2.1029+.0013	-36 36 23.1	- 4.313-.297	99.0	2
1952	Cin Z 1133	7.0	49 42.14	+2.5399+.0011	-22 12 13.0	- 4.314-.360	99.0	1
1953	GC 8624	6.6	49 47.46	+2.4802+.0012	-24 24 49.8	- 4.322-.351	99.1	2
1954	Br 1014	4.1	49 58.94	+2.4900+.0011	-24 3 32.4	- 4.338-.353	98.1	8
1955	GC 8631	6.8	50 3.34	+2.4970+.0011	-23 48 10.1	- 4.345-.354	99.1	2
1956	CZ 2473	8.3	50 6.98	+2.2733+.0013	-31 29 28.0	- 4.350-.322	98.0	2
1957	CZ 2467	9.1	50 7.41	+2.4377+.0012	-25 56 53.2	- 4.351-.345	96.6	2
1958	CZ 2484	8.2	50 20.76	+2.3046+.0013	-30 29 14.0	- 4.370-.326	96.6	2
1959	CZ 2494	7.8	50 25.80	+2.1098+.0013	-36 25 51.0	- 4.377-.298	98.2	2
1960	CZ 2486	9.0	50 26.30	+2.4385+.0012	-25 55 38.4	- 4.378-.345	97.1	2
1961	CPD-30° 1446	9.5	50 29.75	+2.3095+.0013	-30 19 46.0	- 4.382-.327	97.2	1
1962	CZ 2497	7.7	50 33.36	+2.2679+.0013	-31 40 31.6	- 4.388-.321	98.1	2
1963	CZ 2495	8.2	50 33.45	+2.3955+.0013	-27 25 58.8	- 4.388-.339	97.1	2
1964	CZ 2496	8.7	50 35.88	+2.4868+.0011	-24 11 21.4	- 4.391-.352	96.6	2
1965	CZ 2500	8.1	50 35.90	+2.1897+.0013	-34 5 47.0	- 4.391-.310	<sup>(98.1)</sup> (98.2)	2, 1
1966	CZ 2501	9.6	50 40.57	+2.3093+.0013	-30 20 27.6	- 4.398-.327	96.6	2
1967	CZ 2521	8.2	50 58.99	+2.2368+.0013	-32 39 49.3	- 4.424-.316	98.1	2
1968	CPD-30° 1451	8.4	50 59.02	+2.2888+.0013	-31 1 2.2	- 4.424-.324	97.1	2
1969	CZ 2524	8.6	51 3.19	+2.2714+.0013	-31 34 31.8	- 4.430-.321	98.1	2
1970	A 4832	6.6	51 18.11	+2.5485+.0010	-21 54 31.5	- 4.451-.360	99.0	2
1971	CZ 2541	7.2	51 19.28	+2.3530+.0013	-28 54 28.3	- 4.453-.332	99.0	2
1972	CZ 2554	8.5	51 25.94	+2.1191+.0013	-36 11 30.3	- 4.462-.299	98.0	2
1973	Grw <sub>72</sub> 674	5.3	51 34.48	+2.5246+.0011	-22 48 44.0	- 4.474-.357	99.1	2
1974	CZ 2568	7.0	51 47.31	+2.4544+.0012	-25 23 22.3	- 4.493-.347	99.0	2
1975	CZ 2592	7.0	51 55.92	+2.2047+.0013	-33 40 40.9	- 4.505-.311	98.0	2
1976	CZ 2599	6.6	52 7.88	+2.2696+.0013	-31 39 37.5	- 4.522-.320	98.1	2
1977	CZ 2602	8.0	52 15.07	+2.2289+.0013	-32 56 30.9	- 4.532-.315	98.1	2
1978	CZ 2611	8.6	52 22.60	+2.1668+.0013	-34 49 36.7	- 4.543-.306	98.1	2
1979	CZ 2606	8.5	52 22.80	+2.2457+.0013	-32 25 20.4	- 4.543-.317	98.0	2
1980	CZ 2612	7.6	52 25.72	+2.1750+.0013	-34 35 15.9	- 4.547-.307	98.1	2
1981	CZ 2631	8.1	52 46.62	+2.4703+.0011	-24 50 14.6	- 4.577-.349	99.1	2
1982	CZ 2637	8.5	52 48.29	+2.2830+.0013	-31 14 57.1	- 4.579-.322	98.0	2
1983	CZ 2645	9.0	52 52.93	+2.0781+.0012	-37 23 25.2	- 4.586-.293	99.0	2
1984	GC 8707	6.0	53 0.28	+2.5452+.0010	-22 4 12.9	- 4.596-.359	99.1	2
1985	CZ 2661	6.6	53 10.20	+2.1546+.0013	-35 12 33.8	- 4.610-.304	98.0	2
1986	Pi 300	5.4	53 26.35	+2.4800+.0011	-24 30 1.0	- 4.633-.350	99.0	2
1987	CZ 2696	7.8	53 42.02	+2.1016+.0012	-36 45 11.6	- 4.656-.296	98.1	2
1988	CZ 2690	6.8	53 42.75	+2.3986+.0012	-27 24 12.6	- 4.657-.338	99.1	2
1989	CZ 2695	6.5	53 43.06	+2.1495+.0013	-35 22 28.8	- 4.657-.303	96.2	2
1990	CZ 2716	7.5	54 0.51	+2.1513+.0013	-35 19 52.9	- 4.682-.303	98.1	2
1991	CZ 2715	6.2	54 6.64	+2.4096+.0012	-27 1 47.0	- 4.690-.340	99.1	2
1992	CZ 2731	8.7	54 20.50	+2.0976+.0012	-36 53 12.6	- 4.710-.295	99.0	2
1993	CZ 2729	8.8	54 23.61	+2.4099+.0012	-27 1 31.2	- 4.715-.340	97.1	2
1994	CZ 2728	7.3	54 25.63	+2.5012+.0011	-23 44 42.4	- 4.717-.352	99.1	2
1995	Pi 303	5.7	54 30.02	+2.4592+.0011	-25 16 42.5	- 4.724-.346	98.1	8
1996	ε Canis Maj	1.6	54 41.74	+2.3576+.0013	-28 50 9.8	- 4.740-.332	98.0	13
1997	CZ 2756	7.8	54 41.82	+2.1536+.0013	-35 16 59.9	- 4.740-.303	98.1	2
1998	L 2554	5.1	54 45.47	+2.1974+.0013	-33 58 33.3	- 4.745-.309	96.8	3
1999	CZ 2770	7.0	54 54.06	+2.2967+.0013	-30 51 41.6	- 4.758-.323	99.1	2
2000	CZ 2777	8.0	6 54 56.51	+2.2291+.0013	-33 0 33.8	- 4.761-.314	98.0	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
2001	CZ 2786	8.6	6 55 4.85	+2.1676+.0013	-34 52 52.7	- 4.773-.304	98.1	2
2002	CZ 2792	8.7	55 6.66	+2.1053+.0012	-36 41 26.1	- 4.776-.296	99.0	2
2003	CZ 2782	8.8	55 8.38	+2.3901+.0012	-27 44 5.1	- 4.778-.336	97.1	2
2004	CZ 2785	7.8	55 8.96	+2.3582+.0012	-28 49 29.6	- 4.779-.332	99.1	2
2005	GC 8769	6.8	55 16.09	+2.2430+.0013	-32 35 5.4	- 4.789-.315	99.1	2
2006	GC 8768	6.2	55 23.04	+2.5624+.0009	-21 27 52.1	- 4.799-.360	99.0	2
2007	CZ 2820	8.0	55 40.60	+2.1063+.0012	-36 40 40.6	- 4.824-.296	98.1	2
2008	CZ 2819	7.1	55 46.96	+2.3753+.0012	-28 15 38.7	- 4.833-.334	99.0	2
2009	CZ 2838	7.5	55 59.59	+2.2195+.0013	-33 20 14.3	- 4.850-.312	98.0	2
2010	CZ 2839	8.7	56 2.21	+2.3254+.0013	-29 56 53.3	- 4.854-.327	96.6	2
2011	GC 8787	7.5	56 4.47	+2.5492+.0009	-21 58 44.6	- 4.857-.358	99.1	2
2012	CZ 2843	7.2	56 9.97	+2.3258+.0013	-29 56 16.2	- 4.865-.327	97.8	4
2013	CZ 2844	8.8	56 12.94	+2.3930+.0012	-27 39 36.9	- 4.869-.336	96.6	2
2014	CZ 2845	8.9	56 13.51	+2.2908+.0013	-31 5 21.7	- 4.870-.322	96.6	2
2015	CZ 2851	6.8	56 20.25	+2.2936+.0013	-31 0 9.0	- 4.880-.323	99.1	2
2016	CZ 2861	9.6	56 29.82	+2.3239+.0013	-30 0 46.0	- 4.893-.326	99.1	1
2017	CPD-26° 1627	9.4	56 43.97	+2.4294+.0012	-26 23 55.5	- 4.913-.341	96.6	2
2018	CZ 2884	8.4	56 44.82	+2.2072+.0013	-33 44 10.1	- 4.914-.310	99.2	2
2019	CZ 2875	6.5	56 45.32	+2.3735+.0012	-28 20 50.4	- 4.915-.333	99.1	2
2020	CZ 2874	9.4	56 45.60	+2.4299+.0012	-26 22 51.2	- 4.916-.341	96.6	2
2021	L 2570	5.8	56 59.29	+2.4665+.0011	-25 4 26.1	- 4.935-.346	99.1	2
2022	CZ 2906	8.2	57 3.84	+2.1419+.0012	-35 41 47.6	- 4.941-.300	98.0	2
2023	CZ 2900	8.4	57 4.14	+2.3123+.0013	-30 24 36.2	- 4.942-.325	96.6	2
2024	CZ 2911	8.4	57 5.48	+2.1351+.0012	-35 53 38.0	- 4.944-.300	99.1	2
2025	CZ 2909	6.0	57 7.54	+2.2209+.0013	-33 19 34.4	- 4.947-.312	98.0	2
2026	CZ 2899	7.4	57 7.62	+2.4462+.0011	-25 48 27.4	- 4.947-.344	99.2	2
2027	CZ 2924	7.8	57 19.85	+2.3091+.0013	-30 31 23.5	- 4.964-.324	99.0	2
2028	$\sigma$ Canis Maj	3.7	57 44.12	+2.3904+.0012	-27 47 29.7	- 4.998-.335	98.1	8, 7
2029	CZ 2982	7.7	57 57.19	+2.1595+.0012	-35 12 18.6	- 5.017-.303	98.1	2
2030	CZ 2996	7.2	58 11.95	+2.1531+.0012	-35 24 14.1	- 5.038-.302	98.0	2
2031	CZ 3018	7.0	58 46.07	+2.4851+.0010	-24 26 14.9	- 5.086-.348	99.0	2
2032	Br 1029	3.1	58 50.94	+2.5055+.0010	-23 41 13.8	- 5.093-.351	98.0	8
2033	CZ 3055	8.6	59 27.22	+2.4156+.0011	-26 57 28.7	- 5.144-.338	96.6	2
2034	CZ 3065	6.8	59 35.76	+2.4721+.0011	-24 56 9.5	- 5.156-.346	99.0	2
2035	CZ 3081	8.4	59 45.77	+2.1815+.0012	-34 36 24.4	- 5.170-.305	98.0	2
2036	CZ 3078	8.8	59 47.49	+2.4289+.0011	-26 29 39.1	- 5.172-.340	96.1	2
2037	CZ 3082	8.4	59 48.53	+2.2198+.0012	-33 26 28.5	- 5.174-.310	98.0	2
2038	CZ 3095	8.4	59 53.32	+2.2394+.0012	-32 50 2.3	- 5.180-.313	99.0	2
2039	A 5023	7.8	6 59 56.14	+2.5740+.0008	-21 7 1.6	- 5.184-.360	99.1	2
2040	CZ 3114	8.6	7 0 14.28	+2.3584+.0012	-28 57 17.2	- 5.210-.330	96.1	2
2041	CZ 3117	8.6	0 16.24	+2.1982+.0012	-34 7 3.3	- 5.213-.307	98.0	2
2042	GC 8918	6.7	0 31.48	+2.5545+.0009	-21 52 49.3	- 5.234-.358	99.1	2
2043	CZ 3146	8.6	0 41.63	+2.2718+.0012	-31 49 52.1	- 5.248-.318	98.1	2
2044	CZ 3159	7.9	0 48.64	+2.2710+.0012	-31 51 27.6	- 5.258-.317	96.8	3
2045	A 5049	6.8	0 49.16	+2.5698+.0008	-21 18 0.2	- 5.259-.359	99.0	2
2046	CPD-31° 1394	7.6	0 57.23	+2.2732+.0012	-31 47 41.4	- 5.270-.318	98.1	2
2047	CZ 16	8.0	1 11.57	+2.2864+.0012	-31 22 30.1	- 5.291-.319	98.0	2
2048	CZ 28*	8.8	1 23.83	+2.3562+.0012	-29 3 50.7	- 5.308-.329	96.2	2
2049	CZ 38	8.2	1 33.20	+2.3607+.0012	-28 55 3.9	- 5.321-.329	96.6	2
2050	CZ 49	7.5	7 1 36.95	+2.2037+.0012	-33 59 32.8	- 5.326-.308	98.0	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
2051	CZ 57	7.4	7 1 39.60	+2.1437+.0012	-35 47 15.3	- 5.330-.299	98.0	2
2052	CZ 72	8.0	1 54.00	+2.1831+.0012	-34 37 35.4	- 5.350-.304	98.0	2
2053	GC 8962	8.5	1 54.19	+2.1830+.0012	-34 37 38.1	- 5.351-.304	98.0	2
2054	CZ 86	6.7	2 9.17	+2.3140+.0012	-30 30 6.9	- 5.372-.323	99.0	2
2055	CZ 120	6.5	2 44.77	+2.4779+.0010	-24 48 18.7	- 5.422-.346	99.1	2
2056	CZ 129	8.2	2 46.13	+2.1515+.0012	-35 35 40.7	- 5.423-.300	98.0	2
2057	CZ 123	8.6	2 46.23	+2.2706+.0012	-31 56 7.1	- 5.424-.316	99.0	2
2058	CZ 135	6.9	2 56.85	+2.4312+.0011	-26 30 4.2	- 5.438-.339	99.1	2
2059	L 2617	5.8	3 11.74	+2.5085+.0009	-23 41 3.7	- 5.459-.350	99.1	2
2060	CZ 177	8.7	3 30.27	+2.3857+.0011	-28 6 54.3	- 5.485-.332	96.6	2
2061	CZ 181	8.2	3 34.51	+2.3861+.0011	-28 6 19.6	- 5.491-.332	97.1	1
2062	GC 9006	8.5	3 45.22	+2.3650+.0012	-28 50 3.3	- 5.506-.329	96.6	2
2063	CZ 244	7.4	4 14.50	+2.1511+.0012	-35 39 21.3	- 5.547-.299	98.1	2
2064	CZ 243	8.3	4 14.75	+2.1839+.0012	-34 40 45.1	- 5.548-.304	98.1	2
2065	δ Canis Maj	2.0	4 19.54	+2.4397+.0011	-26 14 4.1	- 5.554-.339	98.0	14
2066	CZ 248	7.4	4 21.41	+2.2927+.0012	-31 16 4.3	- 5.557-.319	98.1	2
2067	CZ 256	7.8	4 33.44	+2.2320+.0012	-33 12 52.1	- 5.574-.310	98.2	2
2068	CPD-28° 1729	8.0	4 36.17	+2.3769+.0011	-28 27 16.7	- 5.578-.330	99.1	2
2069	CZ 255	6.8	4 39.01	+2.5042+.0009	-23 53 2.5	- 5.582-.348	99.1	2
2070	CZ 292	8.9	5 4.54	+2.4131+.0011	-27 12 17.8	- 5.618-.335	97.1	1
2071	CZ 300	8.4	5 14.04	+2.4133+.0011	-27 12 8.2	- 5.631-.335	96.6	2
2072	CZ 312	7.8	5 20.83	+2.2782+.0012	-31 46 21.0	- 5.640-.316	97.6	4
2073	CZ 314	7.5	5 21.30	+2.2478+.0012	-32 44 34.4	- 5.641-.312	98.2	2
2074	L 2649	4.8	5 29.62	+2.0156+.0010	-39 29 43.0	- 5.653-.279	98.1	8
2075	CZ 319	8.2	5 32.70	+2.5076+.0009	-23 46 46.5	- 5.657-.348	96.6	2
2076	Pi 13	5.8	5 35.73	+2.4728+.0010	-25 4 10.1	- 5.661-.343	99.0	2
2077	CZ 329	8.2	5 37.70	+2.4735+.0010	-25 2 47.1	- 5.664-.344	99.1	2
2078	CZ 355	7.8	5 55.75	+2.1472+.0012	-35 49 44.9	- 5.689-.298	98.2	2
2079	L 2647	5.6	6 18.27	+2.4106+.0011	-27 19 40.1	- 5.721-.334	99.0	2
2080	CZ 386	8.0	6 34.53	+2.3574+.0012	-29 11 1.2	- 5.743-.327	96.6	2
2081	CZ 389	7.5	6 38.76	+2.3184+.0012	-30 29 54.9	- 5.749-.321	99.0	2
2081	CPD-31° 1430	8.2	6 54.41	+2.2964+.0012	-31 13 59.3	- 5.771-.318	<sup>(96.6)</sup> (96.4)	2, 3
2083	CZ 412	8.2	6 55.90	+2.1062+.0011	-37 3 3.6	- 5.773-.292	98.0	2
2084	Anon	9.0	7 3.71	+2.5649+.0008	-21 38 22.9	- 5.784-.355	99.0	2
2085	A 5191	7.0	7 4.52	+2.5650+.0008	-21 38 15.6	- 5.785-.355	99.0	2
2086	CZ 459	8.2	7 36.79	+2.2026+.0012	-34 13 26.1	- 5.830-.305	97.2	2
2087	CZ 491	7.0	7 58.83	+2.0397+.0010	-38 56 11.0	- 5.861-.282	96.8	3
2088	CZ 483	7.8	8 3.73	+2.4166+.0011	-27 10 2.2	- 5.868-.334	96.1	2
2089	Br 1053	5.9	8 6.69	+2.4555+.0010	-25 46 29.3	- 5.872-.340	99.0	2
2090	CZ 500	6.8	8 12.86	+2.3153+.0012	-30 39 16.2	- 5.881-.320	99.0	2
2091	CZ 509	6.8	8 22.94	+2.4131+.0011	-27 18 21.8	- 5.895-.334	99.0	2
2092	CZ 520	7.2	8 36.03	+2.2803+.0012	-31 48 48.4	- 5.913-.315	98.1	2
2093	L 2668	5.9	8 52.66	+2.1322+.0011	-36 22 32.5	- 5.936-.294	98.1	2
2094	CZ 531	7.6	8 53.05	+2.5026+.0009	-24 3 32.4	- 5.937-.346	96.6	2
2095	CZ 539	9.3	8 56.27	+2.3923+.0011	-28 3 9.5	- 5.941-.330	96.6	2
2096	L 2672	5.4	8 57.10	+1.9888+.0009	-40 19 48.4	- 5.942-.274	98.1	8
2097	CZ 549	8.2	9 0.38	+2.1428+.0011	-36 3 55.2	- 5.947-.296	98.2	2
2098	CZ 552	9.0	9 1.24	+2.1434+.0011	-36 3 4.9	- 5.948-.296	98.2	1
2099	CZ 547	8.1	9 7.50	+2.5038+.0009	-24 1 15.9	- 5.957-.346	96.2	2
2100	GC 9149	6.2	7 9 9.43	+2.5440+.0008	-22 30 9.5	- 5.959-.352	99.1	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
2101	GC 9165	6.7	7	9	34.61	+2.5382+	.0008	-22	44	4.3	-5.994-	.350	99.1	2
2102	CZ 577	5.9		9	34.72	+2.4175+	.0010	-27	11	6.6	-5.995-	.334	99.0	2
2103	L 2676	6.8		9	56.33	+2.3092+	.0012	-30	54	44.2	-6.025-	.318	99.0	2
2104	CZ 611	6.9	10		4.18	+2.3317+	.0012	-30	10	4.5	-6.036-	.322	99.1	2
2105	Br 1059	4.7	10	10	.65	+2.4461+	.0010	-26	10	48.2	-6.045-	.338	98.1	8
2106	CZ 627	7.8	10	12	.17	+2.2398+	.0012	-33	9	44.0	-6.047-	.309	97.2	2
2107	CZ 626	7.9	10	13	.42	+2.2926+	.0012	-31	28	12.9	-6.048-	.316	98.1	2
2108	CZ 623	8.8	10	14	.20	+2.3441+	.0011	-29	45	24.7	-6.049-	.323	96.2	2
2109	CZ 638	7.9	10	26	.79	+2.4751+	.0010	-25	7	44.4	-6.067-	.341	99.0	2
2110	CZ 663	7.2	10	40	.31	+2.1386+	.0011	-36	15	15.1	-6.086-	.294	98.1	2
2111	CZ 664	7.0	10	45	.03	+2.3230+	.0012	-30	28	57.5	-6.092-	.320	99.1	2
2112	CZ 665	8.1	10	45	.19	+2.2978+	.0012	-31	19	11.2	-6.093-	.316	98.2	2
2113	GC 9204	9.0	10	45	.24	+2.2978+	.0012	-31	19	4.4	-6.093-	.316	98.2	1
2114	$\omega$ Canis Maj	3.8	10	45	.28	+2.4350+	.0010	-26	35	56.6	-6.093-	.336	99.1	2
2115	Br 1061	5.8	10	48	.74	+2.4277+	.0010	-26	51	48.4	-6.098-	.335	99.2	2
2116	CZ 673	8.0	10	54	.46	+2.2650+	.0012	-32	23	21.7	-6.105-	.312	98.2	2
2117	GC 9211	7.6	10	57	.82	+2.3730+	.0011	-28	47	25.2	-6.110-	.327	99.1	2
2118	CZ 702	7.8	11	15	.76	+2.1112+	.0011	-37	4	15.4	-6.135-	.290	98.1	2
2119	CZ 712	9.0	11	24	.70	+2.1112+	.0011	-37	4	38.9	-6.147-	.290	98.1	1
2120	CZ 704	8.9	11	26	.50	+2.3868+	.0011	-28	19	38.6	-6.150-	.329	96.2	2
2121	L 2688	5.3	11	28	.90	+2.3229+	.0012	-30	30	42.5	-6.153-	.320	99.1	2
2122	CZ 716	6.7	11	35	.63	+2.5179+	.0008	-23	33	52.6	-6.163-	.347	99.1	2
2123	CZ 729	8.0	11	37	.28	+2.1468+	.0011	-36	3	1.1	-6.165-	.295	98.0	2
2124	CZ 743	8.2	11	52	.13	+2.4172+	.0010	-27	16	14.0	-6.185-	.333	96.1	2
2125	CZ 753	7.8	11	55	.02	+2.1358+	.0011	-36	23	6.8	-6.189-	.293	98.0	2
2126	CZ 769	7.0	12	13	.78	+2.3313+	.0011	-30	15	29.1	-6.216-	.320	99.0	2
2127	Lal 14200	4.8	12	23	.92	+2.5297+	.0008	-23	8	16.3	-6.230-	.348	99.1	2
2128	Lal 14202	6.6	12	25	.60	+2.5299+	.0008	-23	8	3.5	-6.232-	.348	99.1	2
2129	CZ 796	7.4	12	31	.03	+2.2830+	.0012	-31	51	50.9	-6.239-	.314	96.7	4
2130	Pi 59	4.8	12	34	.47	+2.4056+	.0010	-27	42	15.3	-6.244-	.331	99.1	2
2131	CZ 806	8.0	12	42	.19	+2.4810+	.0009	-24	58	50.7	-6.255-	.341	99.2	2
2132	Yarn 3013	7.8	13	3	.91	+2.3530+	.0011	-29	33	3.1	-6.285-	.323	96.6	2
2133	GC 9265	8.3	13	5	.16	+2.3182+	.0011	-30	43	40.3	-6.287-	.318	99.2	2
2134	GC 9266	6.6	13	5	.27	+2.3185+	.0011	-30	43	3.3	-6.287-	.318	99.1	2
2135	CZ 838	7.6	13	8	.68	+2.3858+	.0011	-28	25	15.0	-6.292-	.328	99.1	2
2136	CZ 846	7.2	13	15	.51	+2.2528+	.0012	-32	52	0.9	-6.301-	.309	98.0	2
2137	L 2714	5.0	13	15	.79	+2.1366+	.0011	-36	24	48.2	-6.301-	.293	98.1	2
2138	CZ 858	7.8	13	25	.27	+2.3708+	.0011	-28	57	3.0	-6.315-	.325	99.1	2
2139	CZ 875	8.8	13	33	.54	+2.1192+	.0011	-36	56	0.6	-6.326-	.290	99.1	2
2140	$\pi$ Puppis	2.7	13	36	.65	+2.1197+	.0011	-36	55	4.8	-6.330-	.290	98.1	8
2141	CZ 878	7.0	13	44	.30	+2.4372+	.0010	-26	37	1.1	-6.341-	.334	99.1	2
2142	CZ 903	8.5	13	54	.86	+2.1240+	.0011	-36	48	19.8	-6.356-	.291	99.0	2
2143	Lal 14253	7.2	13	56	.70	+2.5564+	.0007	-22	9	27.1	-6.358-	.351	99.1	2
2144	CZ 912	8.6	14	1	.33	+2.1164+	.0011	-37	1	46.4	-6.364-	.290	99.1	2
2145	CZ 905	9.1	14	1	.96	+2.3832+	.0011	-28	32	33.0	-6.365-	.327	96.8	3
2146	CZ 940	8.6	14	18	.65	+2.1186+	.0010	-36	58	41.0	-6.388-	.290	99.1	2
2147	Br 1067	4.9	14	30	.52	+2.4987+	.0009	-24	22	34.6	-6.405-	.343	98.1	8
2148	Br 1069	4.4	14	33	.69	+2.4882+	.0009	-24	46	18.2	-6.409-	.341	99.2	2
2149	CZ 964*	7.8	14	41	.03	+2.3232+	.0011	-30	36	58.4	-6.419-	.318	96.6	2
2150	CZ 968	7.2	7	14	44.46	+2.2764+	.0012	-32	9	51.5	-6.424-	.312	98.2	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
2151	L 2733	4.7	7 14 45.14	+2.1339+.0011	-36 33 5.7	- 6.425-.292	98.2	2
2152	Yarn 3030	5.4	14 46.93	+2.4440+.0010	-26 24 10.7	- 6.428-.335	99.1	2
2153	CZ 976	8.6	14 53.40	+2.4077+.0010	-27 42 39.3	- 6.436-.330	96.6	2
2154	CZ 985	9.0	15 1.88	+2.4734+.0009	-25 20 2.1	- 6.448-.339	97.1	3
2155	CZ 986	7.5	15 2.69	+2.4721+.0009	-25 22 55.8	- 6.449-.339	96.6	2
2156	A 5375 <sup>1*</sup>	8.2	15 3.69	+2.5648+.0007	-21 51 49.8	- 6.451-.351	99.2	1
2157	A 5375 <sup>2*</sup>	8.0	15 3.77	+2.5648+.0007	-21 51 55.1	- 6.451-.351	99.2	1
2158	GC 9334	7.5	15 3.93	+2.4886+.0009	-24 46 18.7	- 6.451-.341	99.1	2
2159	v Puppis	5.1	15 4.80	+2.1342+.0011	-36 33 34.1	- 6.452-.292	98.2	2
2160	CZ 1014	8.2	15 28.04	+2.1870+.0011	-35 0 1.6	- 6.484-.299	98.1	2
2161	L 2738	6.8	15 30.38	+2.2341+.0011	-33 32 33.1	- 6.488-.305	98.1	8
2162	CZ 1015	8.2	15 35.42	+2.4453+.0010	-26 23 9.2	- 6.494-.334	96.6	2
2163	CZ 1025	8.5	15 37.33	+2.1544+.0011	-35 58 56.9	- 6.497-.294	99.0	2
2164	CZ 1026	8.6	15 39.64	+2.1921+.0011	-34 51 4.6	- 6.500-.300	98.1	2
2165	CZ 1028	6.8	15 39.67	+2.0898+.0010	-37 51 16.8	- 6.500-.286	97.1	2
2166	CZ 1032	7.8	15 52.39	+2.5038+.0008	-24 13 48.7	- 6.518-.342	96.6	2
2167	CZ 1043	8.2	15 56.30	+2.1090+.0010	-37 19 15.5	- 6.523-.288	99.1	2
2168	A 5397	7.8	16 6.34	+2.5647+.0007	-21 53 53.0	- 6.537-.351	99.0	2
2169	CZ 1069	8.1	16 19.17	+2.2394+.0011	-33 24 31.2	- 6.555-.306	99.1	2
2170	CZ 1070	7.1	16 28.50	+2.4426+.0010	-26 30 51.5	- 6.568-.334	99.1	2
2171	CZ 1085	8.5	16 32.27	+2.1917+.0011	-34 53 57.3	- 6.573-.299	97.2	2
2172	GC 9366	7.1	16 38.64	+2.5455+.0007	-22 39 46.5	- 6.582-.348	99.1	2
2173	CZ 1098	5.8	16 51.33	+2.4357+.0010	-26 46 33.9	- 6.599-.333	99.1	2
2174	CZ 1111	8.7	16 56.36	+2.4026+.0010	-27 57 47.7	- 6.606-.328	96.1	2
2175	Pi 88	6.0	16 57.92	+2.4652+.0009	-25 42 13.4	- 6.608-.336	99.1	2
2176	CZ 1125	7.0	17 2.83	+2.2753+.0011	-32 17 18.7	- 6.615-.310	98.0	2
2177	CZ 1150	8.0	17 28.91	+2.2199+.0011	-34 4 0.2	- 6.651-.302	97.2	2
2178	CZ 1165	8.4	17 37.20	+2.1797+.0011	-35 18 23.6	- 6.662-.297	99.1	2
2179	CZ 1183	8.0	17 53.07	+2.2283+.0011	-33 49 15.6	- 6.684-.303	98.0	3
2180	CZ 1199	8.4	18 1.93	+2.1470+.0011	-36 18 15.0	- 6.696-.292	99.1	2
2181	CZ 1222	8.7	18 18.99	+2.1429+.0010	-36 26 13.7	- 6.720-.292	99.1	2
2182	CZ 1219	7.8	18 20.94	+2.2736+.0011	-32 23 47.3	- 6.722-.309	98.0	2
2183	CZ 1220	8.6	18 21.78	+2.2906+.0011	-31 50 30.9	- 6.723-.312	98.0	2
2184	CZ 1226	8.8	18 29.26	+2.2735+.0011	-32 24 14.2	- 6.734-.309	98.1	1
2185	CZ 1229	7.2	18 36.93	+2.4636+.0009	-25 49 9.8	- 6.744-.335	99.0	2
2186	GC 9440	9.2	18 39.83	+2.1672+.0011	-35 43 46.6	- 6.748-.295	99.1	2
2187	GC 9441	8.2	18 40.06	+2.1673+.0011	-35 43 38.5	- 6.748-.295	99.1	2
2188	CZ 1247	6.9	18 46.68	+2.2907+.0011	-31 51 13.7	- 6.758-.312	98.0	2
2189	L 2769	5.4	19 11.28	+2.2949+.0011	-31 43 51.4	- 6.791-.312	98.2	2
2190	CZ 1280	8.8	19 12.08	+2.4193+.0010	-27 27 13.3	- 6.792-.329	96.2	2
2191	CZ 1300	8.5	19 18.14	+2.1291+.0010	-36 53 1.9	- 6.801-.289	99.0	2
2192	CZ 1304	8.3	19 26.28	+2.2915+.0011	-31 51 13.1	- 6.812-.312	98.1	2
2193	CZ 1303	5.1	19 27.34	+2.4143+.0010	-27 38 25.2	- 6.813-.328	99.0	2
2194	CZ 1313	8.6	19 37.12	+2.1384+.0010	-36 37 30.4	- 6.827-.290	99.1	2
2195	L 2773	5.5	19 43.24	+2.2872+.0011	-32 0 28.8	- 6.835-.311	98.1	8
2196	GC 9468	7.4	19 44.17	+2.1547+.0010	-36 8 47.7	- 6.837-.292	99.2	2
2197	GC 9466	7.4	19 46.55	+2.3397+.0011	-30 15 19.8	- 6.840-.318	99.1	2
2198	CZ 1317	8.5	19 48.71	+2.4778+.0009	-25 20 —	- 6.843-.337	96.1	1
2199	CZ 1329	7.6	19 50.43	+2.2149+.0011	-34 19 19.9	- 6.845-.300	97.2	2
2200	Pi 103	7.5	7 19 55.20	+2.3736+.0011	-29 5 41.6	- 6.852-.322	99.2	2

2156-7 Mean 3<sup>h</sup>79, 52<sup>m</sup>9, 99<sup>s</sup>0, 1 obs.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
2201	CZ 1341	6.9	7 19 59.76	+2.3468+.0011	-30 1 20.0	- 6.858-.319	99.1	2
2202	GC 9472	6.8	20 2.62	+2.5468+.0007	-22 43 2.6	- 6.862-.346	99.1	2
2203	$\eta$ Canis Maj	2.4	20 8.37	+2.3735+.0011	-29 6 29.2	- 6.870-.322	98.1	11
2204	CZ 1353	7.0	20 9.36	+2.3870+.0010	-28 37 57.2	- 6.871-.324	99.2	2
2205	CZ 1349	8.0	20 9.52	+2.4776+.0009	-25 21 21.2	- 6.871-.337	96.6	2
2206	CZ 1362	8.0	20 14.10	+2.2972+.0011	-31 41 54.3	- 6.877-.312	98.2	2
2207	CZ 1379	8.5	20 20.51	+2.1345+.0010	-36 46 15.0	- 6.886-.290	99.0	2
2208	CZ 1377	7.1	20 21.18	+2.1725+.0011	-35 38 33.7	- 6.887-.294	98.2	2
2209	CZ 1407	8.2	20 45.78	+2.2213+.0011	-34 9 39.2	- 6.921-.301	98.2	2
2210	CZ 1402	8.4	20 48.24	+2.5081+.0008	-24 13 46.5	- 6.924-.340	96.6	2
2211	CZ 1412	8.4	20 51.46	+2.3014+.0011	-31 35 9.2	- 6.929-.312	98.2	2
2212	L 2793	5.4	20 53.96	+2.3007+.0011	-31 36 44.5	- 6.932-.312	98.2	3
2213	GC 9505	5.9	21 2.89	+2.5715+.0006	-21 47 6.3	- 6.944-.349	99.0	2
2214	CZ 1432	9.0	21 11.66	+2.3766+.0011	-29 2 14.2	- 6.956-.322	96.7	2
2215	CZ 1448	7.6	21 14.58	+2.1248+.0010	-37 5 33.8	- 6.960-.288	98.1	3
2216	CZ 1449	7.5	21 15.00	+2.1248+.0010	-37 5 41.2	- 6.961-.288	98.1	3
2217	CZ 1436	8.4	21 15.73	+2.4064+.0010	-27 59 20.7	- 6.962-.326	97.1	2
2218	L 2792	5.9	21 16.54	+2.4876+.0009	-25 1 10.6	- 6.963-.337	99.1	2
2219	CZ 1459	8.9	21 26.04	+2.3732+.0011	-29 10 2.2	- 6.976-.321	97.1	2
2220	CZ 1461	7.8	21 28.54	+2.4499+.0009	-26 25 36.6	- 6.979-.332	96.7	2
2221	CZ 1465	9.0	21 33.21	+2.4595+.0009	-26 4 36.3	- 6.986-.333	97.1	3, 2
2222	CZ 1466	9.2	21 33.48	+2.4594+.0009	-26 4 47.7	- 6.986-.333	97.1	2, 1
2223	L 2802	6.2	21 52.59	+2.3041+.0011	-31 32 22.4	- 7.012-.312	98.0	2
2224	CZ 1484	9.1	21 52.63	+2.4919+.0008	-24 52 41.3	- 7.012-.337	97.1	2
2225	CZ 1518	7.6	22 19.43	+2.3075+.0011	-31 26 37.6	- 7.049-.312	98.0	2
2226	CZ 1512	8.9	22 19.76	+2.4268+.0010	-27 17 52.6	- 7.049-.328	96.6	2
2227	CZ 1523	7.2	22 27.87	+2.5284+.0007	-23 30 42.1	- 7.060-.342	99.1	2
2228	CZ 1525	8.5	22 29.42	+2.5088+.0008	-24 15 41.9	- 7.063-.339	96.1	2
2229	CZ 1541	8.1	22 42.62	+2.1977+.0011	-34 58 36.4	- 7.081-.297	98.0	2
2230	Paris 9170	5.5	22 45.07	+2.5448+.0007	-22 53 3.8	- 7.084-.344	99.0	2
2231	L 2810	6.0	22 59.35	+2.2314+.0011	-33 56 21.2	- 7.103-.301	98.0	2
2232	CPD-34° 1308	8.0	23 0.40	+2.2059+.0011	-34 44 16.5	- 7.105-.298	99.1	2
2233	CZ 1576	8.3	23 17.51	+2.2263+.0011	-34 6 56.8	- 7.128-.300	98.0	2
2234	CZ 1577	7.8	23 18.49	+2.2264+.0011	-34 6 45.1	- 7.129-.300	98.0	2
2235	Lal 14578	5.7	23 27.86	+2.5513+.0007	-22 39 21.4	- 7.142-.344	99.0	2
2236	CZ 1601	7.4	23 33.01	+2.2402+.0011	-33 41 12.1	- 7.149-.302	98.5	4
2237	CZ 1614	7.4	23 49.06	+2.4042+.0010	-28 10 2.4	- 7.171-.324	99.1	2
2238	CZ 1621	6.6	23 57.15	+2.4468+.0010	-26 38 6.6	- 7.182-.330	99.1	2
2239	Pi 122	5.5	24 0.94	+2.3823+.0011	-28 57 7.0	- 7.187-.321	99.1	2
2240	CZ 1636	8.5	24 4.98	+2.3007+.0011	-31 44 38.3	- 7.193-.310	97.2	2
2241	CZ 1647	9.0	24 21.04	+2.4361+.0010	-27 2 21.5	- 7.215-.328	96.2	1
2242	CZ 1649	9.1	24 23.62	+2.4365+.0010	-27 1 24.5	- 7.218-.328	96.5	3
2243	CZ 1667	8.2	24 40.17	+2.4183+.0010	-27 41 48.4	- 7.241-.326	96.1	2
2244	CZ 1670	7.5	24 42.18	+2.3842+.0011	-28 54 44.8	- 7.243-.321	99.1	2
2245	CZ 1674	8.7	24 43.43	+2.1982+.0011	-35 3 13.9	- 7.245-.296	98.1	2
2246	L 2821	7.6	25 0.66	+2.3050+.0011	-31 38 31.8	- 7.269-.310	98.1	2
2247	CZ 1696	8.2	25 1.33	+2.3050+.0011	-31 38 27.9	- 7.269-.310	98.1	2
2248	L 2823	5.8	25 13.22	+2.3170+.0011	-31 14 59.2	- 7.286-.312	98.0	2
2249	GC 9623	6.5	25 15.70	+2.2100+.0011	-34 42 44.8	- 7.289-.297	99.0	2
2250	CZ 1728	7.6	7 25 33.94	+2.2343+.0011	-33 57 51.1	- 7.314-.300	98.0	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
2251	SD-22° 1897	4.8	7 25 36.53	+2.5491+.0007	-22 48 58.5	- 7.317-.343	99.0	2
2252	CZ 1743	9.1	25 48.31	+2.3548+.0011	-29 59 1.9	- 7.333-.316	96.6	2
2253	CZ 1761	8.4	25 55.15	+2.1530+.0011	-36 28 36.5	- 7.343-.289	97.2	2
2254	CZ 1786	8.2	26 26.18	+2.3939+.0010	-28 38 28.1	- 7.385-.321	96.6	2
2255	CZ 1789	8.2	26 30.22	+2.3944+.0010	-28 37 36.7	- 7.390-.322	97.1	1
2256	L 2834	4.8	26 49.29	+2.3337+.0011	-30 45 8.0	- 7.416-.313	99.0	2
2257	CZ 1809	8.4	26 50.01	+2.3973+.0010	-28 32 13.0	- 7.417-.322	96.6	2
2258	CZ 1815	7.8	26 50.20	+2.2388+.0011	-33 52 50.0	- 7.417-.300	98.0	2
2259	CZ 1812	8.8	26 52.62	+2.4267+.0010	-27 28 52.7	- 7.420-.325	96.2	1
2260	CZ 1845	6.8	27 10.01	+2.1329+.0010	-37 7 49.0	- 7.444-.286	98.1	2
2261	CZ 1859	7.8	27 20.84	+2.2111+.0011	-34 46 21.8	- 7.459-.296	97.2	2
2262	CZ 1860	8.2	27 24.89	+2.3508+.0011	-30 11 30.8	- 7.464-.315	96.1	2
2263	CZ 1892	7.1	27 48.49	+2.1739+.0011	-35 56 26.6	- 7.496-.291	98.1	2
2264	CZ 1898	8.9	27 56.33	+2.3785+.0011	-29 15 3.2	- 7.507-.318	96.6	2
2265	CZ 1910	7.0	28 4.41	+2.1830+.0011	-35 40 28.8	- 7.518-.292	98.1	2
2266	CZ 1947	8.8	28 35.49	+2.4241+.0010	-27 38 47.6	- 7.560-.324	96.6	2
2267	CZ 1968	6.9	28 44.20	+2.1817+.0011	-35 44 50.2	- 7.571-.291	98.0	2
2268	CZ 1962	9.0	28 45.56	+2.4091+.0010	-28 11 45.6	- 7.573-.322	96.2	2
2269	L 2844	5.7	28 58.93	+2.5090+.0008	-24 29 44.8	- 7.591-.335	99.0	2
2270	CZ 1995	9.2	29 14.40	+2.4650+.0009	-26 10 11.3	- 7.612-.329	96.6	2
2271	CZ 2031	7.8	29 38.76	+2.2645+.0011	-33 11 1.2	- 7.645-.302	98.0	2
2272	Lal 14810	4.5	29 46.29	+2.5715+.0006	-22 4 47.8	- 7.655-.343	99.0	2
2273	CZ 2041	6.6	29 51.93	+2.4061+.0010	-28 21 4.8	- 7.663-.321	99.0	2
2274	CZ 2057	9.5	30 1.72	+2.2279+.0011	-34 22 21.6	- 7.676-.297	96.6	2
2275	CZ 2058	9.5	30 1.82	+2.2286+.0011	-34 21 2.5	- 7.676-.297	97.1	1
2276	Pi 147	5.9	30 5.10	+2.5420+.0007	-23 15 19.8	- 7.680-.339	96.6	2
2277	Pi 149	6.0	30 5.70	+2.5420+.0007	-23 15 23.6	- 7.681-.339	96.6	2
2278	CZ 2065	8.6	30 10.14	+2.1841+.0011	-35 44 36.9	- 7.687-.291	98.2	2
2279	CZ 2067	8.0	30 11.56	+2.1889+.0011	-35 35 48.8	- 7.689-.292	98.1	2
2280	L 2860	5.5	30 13.92	+2.1718+.0011	-36 7 15.5	- 7.693-.289	98.1	8
2281	Pi 154	7.0	30 21.66	+2.4735+.0009	-25 53 50.0	- 7.703-.330	99.0	2
2282	CZ 2085	6.9	30 26.91	+2.2637+.0011	-33 14 49.4	- 7.710-.302	98.1	2
2283	CZ 2090	8.6	30 28.47	+2.1394+.0010	-37 6 3.6	- 7.712-.285	98.2	2
2284	CZ 2083	5.8	30 30.19	+2.4495+.0010	-26 47 44.4	- 7.714-.327	96.7	2
2285	CZ 2088	8.2	30 36.47	+2.4759+.0009	-25 48 57.0	- 7.723-.330	96.6	2
2286	CZ 2106	8.9	30 50.71	+2.4440+.0010	-27 0 48.8	- 7.742-.325	96.7	2
2287	CZ 2138	8.7	31 17.62	+2.3239+.0011	-31 17 13.3	- 7.778-.309	96.6	2
2288	CZ 2131	8.2	31 20.21	+2.4936+.0008	-25 10 25.3	- 7.781-.332	96.7	2
2289	Pi 163	4.5	31 22.01	+2.4136+.0010	-28 8 54.3	- 7.784-.321	99.1	2
2290	CZ 2141	9.0	31 23.04	+2.4133+.0010	-28 9 28.1	- 7.785-.321	99.1	1
2291	CZ 2150	7.0	31 27.57	+2.4610+.0009	-26 24 30.1	- 7.791-.327	99.0	2
2292	CZ 2154	8.7	31 31.90	+2.4952+.0008	-25 7 10.2	- 7.797-.332	97.8	3
2293	CZ 2164	7.4	31 40.11	+2.5417+.0007	-23 19 37.4	- 7.808-.338	99.1	2
2294	A 5768	7.5	31 49.81	+2.5769+.0006	-21 56 17.1	- 7.821-.343	99.1	2
2295	CZ 2195	8.4	31 52.71	+2.1385+.0011	-37 11 56.1	- 7.825-.284	99.0	2
2296	CZ 2203	8.0	31 59.20	+2.1806+.0011	-35 56 29.3	- 7.834-.289	98.0	2
2297	CZ 2212	9.2	32 2.43	+2.1589+.0011	-36 36 4.7	- 7.838-.286	97.2	1
2298	CZ 2209	7.6	32 3.89	+2.2685+.0012	-33 10 13.4	- 7.840-.302	98.0	2
2299	CZ 2239	6.5	32 21.68	+2.1385+.0011	-37 13 25.9	- 7.864-.284	98.0	2
2300	CZ 2226	7.2	7 32 22.20	+2.4964+.0009	-25 6 36.4	- 7.865-.331	99.1	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
2301	GC 9818	7.0	7 32 40.81	+2.5968+.0005	-21 10 15.0	- 7.890-.345	99.2	2
2302	CZ 2248	7.5	32 44.82	+2.5237+.0008	-24 4 24.2	- 7.895-.335	96.6	2
2303	CZ 2260	7.5	32 57.67	+2.4579+.0010	-26 35 25.3	- 7.912-.326	99.0	2
2304	CZ 2263	7.5	33 0.64	+2.4416+.0010	-27 11 50.6	- 7.916-.324	99.1	2
2305	CZ 2264	7.2	33 3.21	+2.5374+.0007	-23 33 3.0	- 7.920-.336	99.2	2
2306	CZ 2292	9.2	33 17.89	+2.2993+.0012	-32 12 39.5	- 7.939-.304	96.6	2
2307	L 2890	4.6	33 40.08	+2.2219+.0012	-34 44 36.8	- 7.969-.294	98.1	8
2308	CZ 2315	8.2	33 40.86	+2.4461+.0010	-27 3 26.4	- 7.970-.324	96.6	2
2309	CZ 2329	7.5	33 45.87	+2.1753+.0011	-36 11 31.0	- 7.977-.288	97.2	2
2310	CZ 2327	8.6	33 48.72	+2.4475+.0010	-27 0 37.7	- 7.981-.324	96.6	2
2311	CZ 2346	7.5	34 3.71	+2.2128+.0012	-35 3 4.8	- 8.001-.292	98.0	2
2312	CZ 2347	7.5	34 6.56	+2.3097+.0012	-31 54 13.2	- 8.005-.305	98.2	2
2313	Pi 173	4.6	34 8.31	+2.4976+.0008	-25 8 16.0	- 8.007-.330	99.0	2
2314	CZ 2356	9.2	34 15.23	+2.4155+.0010	-28 12 27.0	- 8.016-.319	96.6	2
2315	GC 9866	7.4	34 17.82	+2.3299+.0012	-31 13 34.8	- 8.020-.308	99.0	2
2316	CZ 2371	8.4	34 18.87	+2.1863+.0011	-35 53 5.6	- 8.021-.289	99.0	2
2317	CZ 2378	7.2	34 32.43	+2.4730+.0009	-26 5 20.5	- 8.039-.327	99.1	2
2318	CZ 2389	8.2	34 33.32	+2.2231+.0012	-34 45 12.3	- 8.040-.293	98.0	2
2319	CZ 2392	7.4	34 36.37	+2.3184+.0012	-31 38 3.3	- 8.044-.306	98.2	2
2320	Pi 175	4.6	34 43.48	+2.4603+.0010	-26 34 28.0	- 8.054-.325	99.2	2
2321	Pi 177	4.5	34 44.00	+2.4603+.0010	-26 34 34.5	- 8.054-.325	99.2	2
2322	CZ 2406	8.0	34 52.17	+2.3227+.0012	-31 30 7.5	- 8.065-.306	98.2	2
2323	L 2903	5.7	35 6.44	+2.1751+.0011	-36 16 6.9	- 8.084-.287	98.0	2
2324	CZ 2441	6.8	35 21.04	+2.4595+.0010	-26 37 58.8	- 8.104-.324	99.1	2
2325	CZ 2445	7.0	35 24.06	+2.4581+.0010	-26 41 21.0	- 8.108-.324	99.1	2
2326	Yarn 3192	8.5	35 34.74	+2.2298+.0012	-34 35 32.5	- 8.122-.294	96.6	2
2327	CZ 2458	8.8	35 37.00	+2.5343+.0007	-23 46 36.2	- 8.125-.334	96.6	2
2328	CZ 2461	8.9	35 39.23	+2.5347+.0007	-23 45 37.8	- 8.128-.334	96.6	2
2329	CZ 2465	6.8	35 39.34	+2.3964+.0011	-28 57 41.0	- 8.128-.316	96.6	2
2330	CZ 2497	8.1	35 59.43	+2.2992+.0012	-32 20 51.8	- 8.155-.303	98.0	2
2331	CZ 2500	8.4	35 59.63	+2.1765+.0011	-36 16 22.4	- 8.155-.286	98.1	2
2332	CPD-35° 1446	8.2	36 0.40	+2.2029+.0012	-35 27 38.4	- 8.156-.290	99.0	2
2333	A 5857	7.5	36 6.77	+2.5840+.0006	-21 48 54.5	- 8.165-.340	99.0	2
2334	CZ 2538	6.0	36 23.87	+2.1415+.0011	-37 20 51.4	- 8.188-.282	98.0	2
2335	GC 9938	7.0	36 29.10	+2.3726+.0011	-29 50 54.0	- 8.195-.312	99.1	2
2336	GC 9941	8.2	36 31.65	+2.3735+.0011	-29 49 2.8	- 8.198-.312	96.7	2
2337	CZ 2547	7.5	36 40.22	+2.4320+.0010	-27 42 46.6	- 8.209-.320	99.2	2
2338	CZ 2552	8.7	36 44.38	+2.4747+.0009	-26 7 21.8	- 8.215-.326	96.7	2
2339	CZ 2558	8.7	36 47.96	+2.5205+.0008	-24 21 51.7	- 8.220-.332	96.7	2
2340	CZ 2572	8.2	36 54.63	+2.3319+.0012	-31 17 8.8	- 8.229-.306	98.1	2
2341	CZ 2571	8.6	36 58.62	+2.4942+.0009	-25 23 24.1	- 8.234-.328	97.1	2
2342	CZ 2585	6.5	36 59.88	+2.3279+.0012	-31 25 41.1	- 8.236-.306	97.6	4
2343	CZ 2586	8.4	37 0.71	+2.3271+.0012	-31 27 21.0	- 8.237-.306	98.2	2
2344	CZ 2576	8.6	37 0.98	+2.5318+.0008	-23 56 0.6	- 8.237-.333	97.2	2
2345	GC 9957	6.8	37 5.73	+2.5778+.0006	-22 6 13.1	- 8.243-.339	99.2	2
2346	CZ 2596	8.4	37 9.84	+2.3275+.0012	-31 26 59.7	- 8.249-.306	98.2	2
2347	CZ 2613	8.0	37 23.37	+2.2995+.0012	-32 24 38.2	- 8.267-.302	99.1	2
2348	CZ 2618	8.2	37 23.58	+2.1671+.0011	-36 38 4.4	- 8.267-.284	98.1	2
2349	GC 9966	7.8	37 28.30	+2.5765+.0006	-22 10 16.8	- 8.273-.338	99.2	2
2350	CZ 2646	8.0	7 37 48.31	+2.2671+.0012	-33 30 20.0	- 8.300-.297	98.0	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
2351	CZ 2655	7.8	7 37 54.28	+2.3286+.0012	-31 27 6.1	- 8.308-.305	98.2	2
2352	CZ 2672	8.0	38 9.43	+2.3174+.0012	-31 50 36.8	- 8.328-.304	98.1	2
2353	CZ 2670	6.9	38 9.44	+2.3720+.0011	-29 57 3.1	- 8.328-.311	99.0	2
2354	CZ 2683	7.8	38 22.16	+2.4401+.0010	-27 29 36.8	- 8.345-.320	99.0	2
2355	CZ 2700	8.8	38 30.22	+2.3279+.0012	-31 30 16.8	- 8.356-.305	96.1	2
2356	A 5922	6.9	38 37.01	+2.5879+.0005	-21 45 15.7	- 8.365-.339	99.0	2
2357	Br 1116	5.8	38 40.40	+2.4772+.0009	-26 6 48.6	- 8.369-.324	96.6	2
2358	CZ 2715	8.3	38 42.25	+2.1930+.0012	-35 54 44.8	- 8.372-.287	98.1	2
2359	CZ 2713	7.5	38 48.80	+2.4908+.0009	-25 36 9.9	- 8.380-.326	96.6	2
2360	CZ 2740	7.9	38 56.04	+2.1861+.0012	-36 8 16.3	- 8.390-.286	98.2	2
2361	CPD-29° 2011	9.1	38 58.12	+2.3726+.0011	-29 58 13.2	- 8.392-.310	96.2	1
2362	GC 10011	6.8	38 58.94	+2.4426+.0010	-27 25 51.8	- 8.394-.320	97.1	2
2363	CZ 2733	8.9	38 59.45	+2.4564+.0010	-26 54 51.1	- 8.394-.322	96.7	2
2364	CZ 2762	7.8	39 15.35	+2.2824+.0012	-33 4 32.9	- 8.415-.298	98.1	2
2365	A 5938	8.0	39 24.66	+2.5844+.0006	-21 55 44.4	- 8.428-.338	99.0	2
2366	CZ 2773	7.0	39 29.11	+2.5003+.0009	-25 15 54.2	- 8.433-.327	99.1	2
2367	CZ 2784	7.6	39 30.06	+2.2680+.0012	-33 33 53.8	- 8.435-.296	98.1	2
2368	Br 1118	4.8	39 30.21	+2.4232+.0011	-28 10 23.6	- 8.435-.317	99.0	2
2369	L 2939	5.6	39 32.35	+2.1977+.0012	-35 48 44.3	- 8.438-.287	98.2	2
2370	CZ 2781	7.7	39 33.54	+2.4550+.0010	-26 59 45.5	- 8.439-.321	97.1	1
2371	Br 1120	4.1	39 47.63	+2.4087+.0011	-28 42 56.4	- 8.458-.315	98.1	8
2372	CZ 2810	7.5	39 54.85	+2.1776+.0012	-36 27 8.6	- 8.468-.284	98.2	2
2373	CZ 2803	9.0	39 57.31	+2.4548+.0010	-27 1 9.8	- 8.471-.321	96.7	2
2374	CZ 2835	7.8	40 9.15	+2.1934+.0012	-35 58 43.9	- 8.486-.286	98.2	2
2375	CZ 2825	8.4	40 9.92	+2.4120+.0011	-28 36 56.5	- 8.487-.315	97.2	2
2376	L 2943	6.6	40 10.32	+2.1277+.0011	-37 57 44.9	- 8.488-.278	96.6	2
2377	GC 10054	7.0	40 16.46	+2.3324+.0012	-31 26 25.6	- 8.496-.304	96.6	2
2378	L 2940	5.5	40 21.94	+2.5227+.0008	-24 26 0.3	- 8.503-.330	99.2	2
2379	CZ 2847	7.9	40 23.90	+2.3739+.0011	-29 59 41.2	- 8.506-.310	96.6	2
2380	L 2944	5.8	40 30.50	+2.1990+.0012	-35 49 29.0	- 8.515-.287	96.6	2
2381	CZ 2875	8.0	40 43.24	+2.3168+.0012	-31 59 52.4	- 8.532-.302	98.2	2
2382	CZ 2877	8.8	40 50.15	+2.4657+.0010	-26 39 8.6	- 8.541-.321	96.1	2
2383	GC 10085	8.6	40 52.78	+2.1473+.0011	-37 25 20.9	- 8.544-.280	99.1	2
2384	CZ 2889	8.5	40 53.58	+2.2294+.0012	-34 53 26.3	- 8.545-.290	98.1	2
2385	CZ 2939	7.0	41 38.41	+2.5348+.0008	-24 0 45.6	- 8.604-.330	99.0	2
2386	L 2958	3.7	41 41.48	+2.1387+.0011	-37 43 34.3	- 8.608-.278	98.1	8
2387	CZ 2949	7.8	41 45.40	+2.5599+.0007	-23 0 57.4	- 8.613-.333	99.0	2
2388	CZ 2960	9.0	41 47.87	+2.3840+.0012	-29 42 23.9	- 8.617-.310	96.6	2
2389	CZ 2953	7.5	41 48.05	+2.5629+.0007	-22 53 47.9	- 8.617-.334	99.0	2
2390	L 2957	5.4	41 51.31	+2.2593+.0012	-33 58 34.6	- 8.621-.294	98.1	2
2391	GC 10123	7.2	41 52.35	+2.1515+.0011	-37 21 12.1	- 8.623-.280	99.0	2
2392	CZ 2985	8.6	42 3.47	+2.4676+.0010	-26 38 11.7	- 8.637-.321	97.1	2
2393	CZ 3015	8.1	42 18.14	+2.4135+.0011	-28 39 59.2	- 8.656-.314	96.6	2
2394	CZ 3022	8.9	42 25.82	+2.5300+.0008	-24 14 31.7	- 8.667-.329	96.7	2
2395	CZ 3037	7.8	42 33.58	+2.2847+.0012	-33 10 47.9	- 8.677-.296	98.1	2
2396	CZ 3042	8.3	42 39.17	+2.2796+.0012	-33 21 19.9	- 8.684-.296	98.1	2
2397	CZ 3049	8.2	42 46.46	+2.5078+.0009	-25 7 24.8	- 8.694-.326	96.6	2
2398	CZ 3068	9.2	42 53.91	+2.3478+.0012	-31 2 39.1	- 8.703-.305	96.7	2
2399	Abo 161	5.8	42 54.68	+2.5794+.0006	-22 16 24.6	- 8.705-.335	99.0	2
2400	CZ 3079	6.5	742 59.05	+2.1479+.0011	-37 31 35.4	- 8.710-.278	97.1	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
2401	CZ 3100	8.5	7 43 29.45	+2.3937+.0012	-29 26 46.0	- 8.750-.310	96.6	2
2402	CZ 3112	6.2	43 34.48	+2.2045+.0012	-35 49 39.7	- 8.757-.285	98.0	2
2403	CZ 3132	9.2	43 48.82	+2.1646+.0012	-37 4 11.5	- 8.776-.280	96.6	2
2404	CZ 3130	8.1	43 52.51	+2.3093+.0012	-32 25 25.4	- 8.780-.299	98.0	2
2405	o Puppis	4.6	43 55.74	+2.4946+.0009	-25 41 19.7	- 8.785-.323	99.0	2
2406	CZ 3149	8.7	44 5.94	+2.4624+.0010	-26 56 1.5	- 8.798-.319	97.1	2
2407	CZ 3158	8.4	44 6.58	+2.3159+.0013	-32 12 42.6	- 8.799-.300	98.0	2
2408	A 6052	7.1	44 16.30	+2.5934+.0005	-21 45 35.4	- 8.812-.336	99.1	2
2409	CZ 3198	8.5	44 35.01	+2.1543+.0012	-37 25 41.7	- 8.836-.278	99.0	2
2410	CZ 3197	7.4	44 39.97	+2.3658+.0012	-30 30 22.7	- 8.843-.306	99.2	2
2411	GC 10208	8.2	44 40.39	+2.5204+.0008	-24 42 58.9	- 8.843-.326	96.6	2
2412	CZ 3194	8.6	44 42.07	+2.4938+.0009	-25 45 28.8	- 8.845-.322	96.7	2
2413	CZ 3207	7.5	44 46.51	+2.3799+.0012	-30 0 35.5	- 8.851-.308	96.6	2
2414	L 2995	7.1	44 47.70	+2.3415+.0012	-31 22 4.5	- 8.853-.302	98.1	8
2415	Br 1130	5.3	44 49.65	+2.5220+.0008	-24 39 43.9	- 8.856-.326	99.0	2
2416	ξ Puppis	3.5	45 5.31	+2.5237+.0008	-24 36 31.4	- 8.876-.326	98.1	8
2417	CZ 3264	7.5	45 26.63	+2.3726+.0012	-30 18 22.4	- 8.904-.306	96.6	2
2418	CZ 3271	7.8	45 30.34	+2.2926+.0013	-33 4 42.3	- 8.908-.296	98.2	2
2419	CZ 3276	6.6	45 31.21	+2.2344+.0013	-34 59 31.5	- 8.910-.288	98.2	2
2420	CZ 3287	7.5	45 44.51	+2.5511+.0007	-23 32 43.5	- 8.927-.329	99.1	2
2421	L 3006	5.7	45 46.27	+2.2943+.0013	-33 2 12.3	- 8.929-.296	98.2	2
2422	GC 10264	6.8	46 9.39	+2.2089+.0013	-35 50 27.6	- 8.959-.284	99.0	2
2423	CZ 3342	8.2	46 15.97	+2.2400+.0013	-34 51 15.8	- 8.968-.288	98.1	2
2424	CZ 3346	8.2	46 21.79	+2.4151+.0012	-28 48 51.1	- 8.976-.311	96.2	2
2425	CZ 3384	7.2	46 38.78	+2.2194+.0013	-35 32 14.0	- 8.998-.285	98.0	2
2426	CZ 3390	7.6	46 45.60	+2.2053+.0013	-35 59 18.2	- 9.007-.283	97.8	3
2427	CZ 3385	7.0	46 46.63	+2.5341+.0008	-24 16 23.4	- 9.008-.326	96.1	2
2428	CZ 3405	8.4	46 55.48	+2.2052+.0013	-36 0 16.1	- 9.020-.283	97.8	3
2429	CZ 3412	8.0	47 5.16	+2.3035+.0013	-32 48 4.5	- 9.032-.296	98.1	2
2430	GC 10294	8.5	47 9.05	+2.2735+.0013	-33 48 40.4	- 9.037-.292	99.0	2
2431	CZ 3417	9.0	47 10.84	+2.2650+.0013	-34 5 36.1	- 9.039-.291	99.1	2
2432	CZ 3424	8.4	47 18.61	+2.2872+.0013	-33 21 58.7	- 9.050-.294	98.1	2
2433	CZ 3431	8.2	47 23.62	+2.3453+.0013	-31 22 42.3	- 9.056-.301	98.2	2
2434	CZ 3440	8.6	47 25.92	+2.1993+.0013	-36 13 7.0	- 9.059-.282	98.2	2
2435	CZ 3450	8.6	47 39.68	+2.4625+.0010	-27 6 37.8	- 9.077-.316	96.2	2
2436	CZ 3458	8.2	47 41.72	+2.3146+.0013	-32 27 32.5	- 9.080-.297	98.2	2
2437	CZ 3482	7.5	48 2.65	+2.3463+.0013	-31 22 46.4	- 9.107-.301	98.2	2
2438	L 3035	5.0	48 31.58	+2.2565+.0013	-34 27 14.4	- 9.144-.289	98.1	2
2439	CZ 3537	8.1	48 44.61	+2.3337+.0013	-31 51 33.7	- 9.161-.299	96.2	2, 3
2440	α Puppis	3.8	48 46.80	+2.0637+.0010	-40 19 4.6	- 9.164-.264	98.1	8
2441	L 3049	4.5	49 6.32	+2.1241+.0012	-38 36 13.8	- 9.190-.271	98.1	8, 7
2442	CZ 3570	7.8	49 10.52	+2.3001+.0013	-33 2 16.6	- 9.195-.294	97.2	2
2443	CZ 3578	7.4	49 18.71	+2.3436+.0013	-31 32 53.9	- 9.206-.300	98.2	2
2444	CZ 3576	7.0	49 21.86	+2.5674+.0007	-23 3 12.3	- 9.210-.329	99.0	2
2445	L 3052	5.5	49 22.86	+2.2067+.0013	-36 6 14.6	- 9.211-.282	98.2	2
2446	CZ 3577	7.6	49 23.18	+2.5705+.0007	-22 55 38.0	- 9.211-.329	99.1	2
2447	CZ 3598	7.2	49 28.11	+2.2786+.0013	-33 46 45.4	- 9.218-.291	98.2	2
2448	CZ 3602	6.6	49 28.52	+2.2513+.0013	-34 40 44.4	- 9.218-.288	98.2	2
2449	CZ 3589	8.2	49 28.53	+2.4672+.0011	-27 1 13.5	- 9.218-.316	96.6	2
2450	CZ 3594	8.8	7 49 31.75	+2.4625+.0011	-27 12 6.1	- 9.222-.315	96.6	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
2451	CZ 3610	7.2	7 49 40.09	+2.4939+.0010	-26 0 5.3	- 9.233-.319	99.0	2
2452	CZ 3622	7.4	49 49.49	+2.4919+.0010	-26 5 15.4	- 9.245-.318	99.0	2
2453	CZ 3637	7.8	49 54.98	+2.1895+.0013	-36 40 33.4	- 9.252-.279	98.2	2
2454	CZ 3645	8.5	50 9.56	+2.5439+.0008	-24 2 36.4	- 9.271-.325	99.2	1
2255	CZ 3648	8.2	50 11.87	+2.3475+.0013	-31 27 41.2	- 9.274-.300	98.1	2
2456	CZ 3658	7.6	50 16.89	+2.2806+.0013	-33 45 37.6	- 9.281-.291	97.2	2
2457	CZ 3657	6.8	50 20.89	+2.4469+.0011	-27 50 36.6	- 9.286-.313	99.0	2
2458	CZ 3661	9.0	50 23.14	+2.3545+.0013	-31 13 35.8	- 9.289-.300	98.1	1
2459	L 3059	5.4	50 28.59	+2.2242+.0013	-35 36 55.0	- 9.296-.283	96.5	3
2460	CZ 3671	7.6	50 34.01	+2.5444+.0008	-24 2 32.5	- 9.303-.325	99.1	2
2461	CZ 3694	8.4	50 41.22	+2.3510+.0013	-31 21 58.8	- 9.312-.299	98.2	2
2462	CZ 3688	7.3	50 44.17	+2.5653+.0007	-23 12 7.7	- 9.316-.328	99.2	3
2463	L 3063	6.2	50 54.32	+2.2569+.0014	-34 35 0.6	- 9.329-.287	98.1	8
2464	CZ 3707	8.0	50 55.86	+2.3541+.0013	-31 16 17.4	- 9.331-.300	98.1	3
2465	CZ 3718	8.0	51 8.08	+2.5043+.0010	-25 40 6.9	- 9.347-.319	99.1	2
2466	CZ 3735	6.9	51 16.86	+2.3720+.0013	-30 39 15.7	- 9.358-.302	99.2	2
2467	CZ 3733	7.9	51 17.40	+2.4436+.0012	-28 1 11.5	- 9.359-.311	96.2	2
2468	CZ 3737	7.6	51 21.38	+2.5515+.0008	-23 47 37.4	- 9.364-.325	99.1	2
2469	CZ 3758	8.2	51 39.81	+2.4748+.0011	-26 50 50.1	- 9.388-.315	96.2	2
2470	CZ 3786	8.5	51 58.55	+2.2049+.0013	-36 19 17.4	- 9.412-.280	98.1	2
2471	GC 10439	7.8	52 12.53	+2.5783+.0007	-22 44 16.3	- 9.430-.328	99.0	2
2472	CZ 3813	8.3	52 16.63	+2.2268+.0014	-35 38 51.6	- 9.435-.282	97.2	2
2473	CZ 3816	6.6	52 23.57	+2.3914+.0013	-30 1 5.3	- 9.444-.304	98.7	3
2474	Br 1141	4.3	52 33.55	+2.5817+.0007	-22 36 47.6	- 9.457-.328	98.1	9
2475	CZ 3893	7.2	53 15.44	+2.2756+.0014	-34 6 37.2	- 9.511-.288	98.1	2
2476	CZ 3897	6.8	53 17.83	+2.3090+.0014	-32 58 55.7	- 9.514-.292	98.2	2
2477	CZ 3901	8.0	53 20.47	+2.3124+.0014	-32 52 15.4	- 9.517-.292	98.2	2
2478	CZ 3908	8.4	53 22.53	+2.2505+.0014	-34 56 56.4	- 9.520-.285	98.2	2
2479	L 3081	4.8	53 40.94	+2.3921+.0013	-30 3 55.9	- 9.544-.303	98.1	8
2480	CZ 3950	8.4	53 46.49	+2.1847+.0013	-37 4 6.8	- 9.551-.276	98.1	2
2481	CZ 3975	7.8	54 2.79	+2.2606+.0014	-34 39 31.6	- 9.572-.285	97.2	2
2482	CZ 3990	9.1	54 18.12	+2.3628+.0014	-31 9 48.4	- 9.591-.298	97.1	1
2483	CZ 4014	7.8	54 27.06	+2.1784+.0013	-37 18 35.5	- 9.603-.275	98.0	2
2484	CZ 4008	7.2	54 31.69	+2.4669+.0011	-27 18 19.3	- 9.609-.312	96.1	3
2485	CZ 4018	7.5	54 32.47	+2.3009+.0014	-33 20 20.0	- 9.610-.290	98.2	2
2486	Br 1150	5.2	54 48.42	+2.5741+.0007	-23 2 18.2	- 9.630-.325	99.0	2
2487	CZ 4048	8.0	54 50.31	+2.2161+.0014	-36 9 10.8	- 9.632-.279	98.2	2
2488	CZ 4055	8.8	54 53.68	+2.2616+.0014	-34 40 45.5	- 9.637-.285	96.2	2
2489	CZ 4054	8.7	54 55.59	+2.3315+.0014	-32 18 16.2	- 9.639-.294	96.2	1
2490	CZ 4060	8.4	54 57.33	+2.1977+.0014	-36 44 35.4	- 9.641-.277	98.1	2
2491	CZ 4061	9.6	55 1.70	+2.3322+.0014	-32 17 9.6	- 9.647-.294	96.2	2
2492	CZ 4114	7.8	55 45.84	+2.5743+.0007	-23 4 37.7	- 9.703-.324	99.0	2
2493	CZ 4135	8.0	55 51.63	+2.1904+.0014	-37 1 46.0	- 9.711-.275	98.0	2
2494	CZ 4136	7.8	55 57.42	+2.3948+.0013	-30 6 6.3	- 9.718-.301	99.0	2
2495	CZ 4165	8.4	56 15.10	+2.2477+.0014	-35 13 31.3	- 9.741-.282	99.1	2
2496	CZ 4189	7.5	56 31.74	+2.2331+.0014	-35 43 1.1	- 9.762-.280	98.0	2
2497	CZ 4188	8.0	56 32.61	+2.2853+.0014	-33 59 36.1	- 9.763-.287	98.0	2
2498	CZ 4199	8.0	56 39.11	+2.2898+.0014	-33 50 56.0	- 9.771-.287	98.1	2
2499	CZ 4223	8.2	56 55.66	+2.3722+.0014	-30 58 57.5	- 9.792-.298	96.2	2
2500	CZ 4225	8.4	7 57 1.48	+2.5642+.0008	-23 33 24.8	- 9.800-.322	96.1	3



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
2501	CZ 4227	7.3	7 57 1.71	+2.5255+.0010	-25 8 12.3	-9.800-.317	99.0	2
2502	CZ 4240	8.4	57 3.25	+2.3416+.0014	-32 5 7.9	-9.802-.293	98.1	2
2503	CZ 4256	8.8	57 14.63	+2.3663+.0014	-31 12 59.2	-9.816-.297	96.6	2
2504	CZ 4277	8.6	57 23.16	+2.2754+.0015	-34 22 54.1	-9.827-.285	97.6	4
2505	CZ 4300	7.9	57 35.24	+2.2381+.0014	-35 37 38.2	-9.843-.280	98.1	2
2506	CZ 4316	8.2	57 44.06	+2.2544+.0015	-35 6 6.0	-9.854-.282	98.1	3
2507	CZ 4315	7.0	57 49.03	+2.4812+.0011	-26 56 13.3	-9.860-.311	97.1	2
2508	CZ 4325	7.9	57 51.78	+2.2754+.0015	-34 24 52.8	-9.864-.284	98.1	2
2509	GC 10622	8.0	57 52.12	+2.2422+.0015	-35 30 40.7	-9.864-.280	99.1	2
2510	CZ 4322	8.2	57 55.66	+2.4805+.0011	-26 58 24.2	-9.869-.310	96.7	2
2511	L 3118	5.8	57 58.00	+2.1957+.0014	-37 0 22.5	-9.872-.274	98.0	2
2512	CZ 4341	7.9	58 4.08	+2.3776+.0014	-30 51 27.8	-9.879-.298	96.8	3
2513	CPD-35° 1796	8.0	58 4.91	+2.2306+.0014	-35 54 7.7	-9.880-.279	99.1	2
2514	CZ 4357	8.5	58 12.11	+2.2577+.0015	-35 1 30.4	-9.889-.282	98.1	2
2515	CZ 4352	8.9	58 12.41	+2.3696+.0014	-31 9 26.5	-9.890-.296	97.2	1
2516	CZ 4385	6.7	58 25.68	+2.2041+.0014	-36 46 16.8	-9.907-.275	97.6	4
2517	CZ 4378	9.2	58 29.50	+2.4738+.0012	-27 15 55.8	-9.912-.309	97.2	2
2518	CZ 4379	6.8	58 30.08	+2.4738+.0012	-27 15 53.2	-9.912-.309	97.1	2
2519	CZ 4409	8.1	58 43.61	+2.2115+.0014	-36 33 27.0	-9.929-.276	98.2	2
2520	CZ 4416	8.2	58 50.72	+2.3768+.0014	-30 56 8.8	-9.938-.297	96.6	2
2521	CZ 4415	8.0	58 55.02	+2.5480+.0009	-24 19 24.6	-9.944-.318	96.7	2
2522	CZ 4425	7.4	58 55.09	+2.2255+.0015	-36 7 18.5	-9.944-.278	98.0	2
2523	CZ 4431	7.6	59 1.32	+2.3227+.0015	-32 52 23.2	-9.952-.290	98.2	2
2524	CZ 4434	7.7	59 2.49	+2.2821+.0015	-34 15 57.9	-9.953-.285	98.2	2
2525	CZ 4438	8.5	59 4.67	+2.2306+.0015	-35 58 5.7	-9.956-.278	98.2	2
2526	CZ 4436	8.6	59 5.17	+2.3480+.0015	-31 59 10.6	-9.957-.293	98.2	2
2527	CZ 4443	5.8	59 9.96	+2.3426+.0015	-32 10 59.4	-9.963-.292	98.1	2
2528	CZ 4448	8.0	59 11.66	+2.2318+.0015	-35 56 21.3	-9.965-.278	98.2	2
2529	CZ 4464	8.0	59 19.91	+2.2665+.0015	-34 48 22.1	-9.975-.282	98.1	2
2530	CZ 4471	8.1	59 25.44	+2.3911+.0014	-30 27 2.8	-9.982-.298	97.2	2
2531	CZ 4480	8.5	59 31.97	+2.5138+.0010	-25 44 30.4	-9.991-.313	96.2	2
2532	CZ 4478	8.3	59 32.85	+2.5662+.0008	-23 36 17.3	-9.992-.320	96.1	2
2533	A 6387	7.8	7 59 42.43	+2.6258+.0005	-21 5 35.9	-10.004-.327	99.0	2
2534	ζ Puppis	2.3	8 0 4.20	+2.1110+.0013	-39 43 16.6	-10.031-.262	98.1	9
2535	CZ 4533	8.8	0 12.43	+2.4681+.0012	-27 35 10.5	-10.042-.307	96.6	2
2536	CZ 4545	6.7	0 20.40	+2.5231+.0010	-25 24 56.2	-10.052-.314	96.5	3
2537	CZ 4560	8.8	0 21.71	+2.2236+.0015	-36 17 5.2	-10.053-.276	98.0	2
2538	L 3131	5.4	0 22.22	+2.3390+.0015	-32 23 30.9	-10.054-.291	98.1	2
2539	CZ 4555	8.6	0 25.99	+2.4998+.0011	-26 21 10.7	-10.059-.311	97.1	2
2540	CZ 4573	7.6	0 37.36	+2.4139+.0014	-29 40 55.4	-10.073-.300	99.1	2
2541	CZ 4579	9.1	0 44.55	+2.4998+.0011	-26 22 15.4	-10.082-.311	96.2	1
2542	CZ 4595	8.2	0 52.31	+2.2754+.0015	-34 36 49.4	-10.092-.282	99.1	3
2543	CZ 23	6.7	1 12.09	+2.3143+.0015	-33 18 25.1	-10.117-.287	97.1	3
2544	CZ 26	8.0	1 12.97	+2.2934+.0015	-34 1 46.0	-10.118-.284	99.1	2
2545	CZ 41	8.8	1 31.95	+2.4811+.0012	-27 9 24.6	-10.142-.308	96.6	2
2546	CZ 50	8.8	1 35.03	+2.4148+.0014	-29 42 24.4	-10.146-.299	96.7	2
2547	CZ 53	8.4	1 37.11	+2.4050+.0014	-30 4 29.9	-10.148-.298	96.6	2
2548	CZ 55	8.4	1 38.29	+2.4149+.0014	-29 42 22.0	-10.150-.299	96.6	2
2549	CZ 73	6.0	1 53.18	+2.3164+.0015	-33 16 58.8	-10.169-.287	98.1	2
2550	CZ 75	8.4	8 1 54.19	+2.3232+.0015	-33 2 48.7	-10.170-.288	98.1	2

No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
2551	CZ 79	9.0	8	1	55.02	+2.3164+	.0015	-33	16	58.2	-10.171-	.287	98.1	2
2552	CPD-35° 1869	8.2		2	5.62	+2.2454+	.0016	-35	41	37.1	-10.184-	.278	99.1	2
2553	CZ 128	7.2		2	42.47	+2.4913+	.0012	-26	49	34.1	-10.231-	.308	99.1	2
2554	CZ 151	7.5		2	54.46	+2.4330+	.0014	-29	6	14.2	-10.246-	.300	96.2	2
2555	CZ 154	9.0		2	56.14	+2.4530+	.0013	-28	20	14.8	-10.248-	.303	96.2	2
2556	CZ 163	9.1		3	8.85	+2.5102+	.0011	-26	5	47.3	-10.264-	.310	96.6	2
2557	CZ 167	8.8		3	13.15	+2.5253+	.0011	-25	29	15.5	-10.269-	.312	96.6	2
2558	$\rho$ Puppis	2.9		3	17.13	+2.5612+	.0009	-24	0	57.3	-10.274-	.316	98.1	13
2559	CZ 188	8.1		3	25.38	+2.2360+	.0016	-36	5	42.1	-10.284-	.275	98.1	2
2560	CZ 230	7.8		3	57.72	+2.2046+	.0016	-37	8	42.5	-10.325-	.271	98.2	2
2561	GC 10780	6.8		4	1.56	+2.5786+	.0008	-23	19	35.2	-10.330-	.318	99.1	2
2562	CZ 226	9.0		4	2.85	+2.4580+	.0013	-28	12	54.1	-10.331-	.303	96.6	2
2563	CZ 242	7.8		4	4.77	+2.2052+	.0016	-37	8	6.5	-10.334-	.271	98.2	2
2564	CZ 237	8.6		4	7.15	+2.3976+	.0015	-30	30	43.1	-10.336-	.295	97.2	2
2565	CZ 244	8.1		4	9.05	+2.3080+	.0016	-33	43	42.0	-10.339-	.284	99.1	2
2566	CZ 241*	8.5		4	9.64	+2.3980+	.0015	-30	30	2.5	-10.340-	.295	97.1	3
2567	CZ 249	7.5		4	12.87	+2.2731+	.0016	-34	55	12.6	-10.344-	.279	98.1	2
2568	CZ 257	7.6		4	21.64	+2.3279+	.0016	-33	2	55.3	-10.355-	.286	99.1	2
2569	CZ 255	8.4		4	24.65	+2.5607+	.0009	-24	5	43.1	-10.358-	.315	96.6	2
2570	CZ 267	8.4		4	24.68	+2.2372+	.0016	-36	7	40.5	-10.358-	.275	98.1	2
2571	CZ 289	8.5		4	55.54	+2.5167+	.0011	-25	56	15.9	-10.397-	.309	96.6	2
2572	CZ 304	6.5		4	57.80	+2.1991+	.0016	-37	23	21.5	-10.400-	.270	96.7	2
2573	CZ 308	7.8		5	2.56	+2.3320+	.0016	-32	57	12.1	-10.406-	.286	99.1	2
2574	CZ 310	7.2		5	5.27	+2.4123+	.0015	-30	1	44.8	-10.409-	.296	99.0	2
2575	CZ 318	7.8		5	11.77	+2.3768+	.0016	-31	21	9.2	-10.417-	.292	98.0	2
2576	CZ 337	7.0		5	23.27	+2.2685+	.0016	-35	9	43.5	-10.431-	.278	98.0	2
2577	CZ 357	9.0		5	36.07	+2.4402+	.0014	-29	0	9.5	-10.447-	.299	96.2	2
2578	CZ 359	8.0		5	39.03	+2.5272+	.0011	-25	33	13.1	-10.451-	.310	96.1	2
2579	CZ 394	9.0		5	55.02	+2.4888+	.0013	-27	7	8.9	-10.471-	.305	96.6	2
2580	GC 10836	7.1		5	55.22	+2.6066+	.0007	-22	14	14.9	-10.471-	.320	99.0	2
2581	CZ 411	8.5		6	8.00	+2.2551+	.0017	-35	39	39.1	-10.487-	.276	98.0	2
2582	CZ 421	8.9		6	17.49	+2.5022+	.0012	-26	36	19.1	-10.499-	.306	96.6	2
2583	CZ 441	8.4		6	33.36	+2.3993+	.0016	-30	36	42.6	-10.519-	.293	96.6	2
2584	CZ 457	7.6		6	38.92	+2.2480+	.0017	-35	56	11.4	-10.526-	.274	98.1	2
2585	CZ 480	7.5		6	55.54	+2.3599+	.0016	-32	5	2.1	-10.546-	.288	98.0	2
2586	CZ 478	9.1		6	57.66	+2.5010+	.0012	-26	41	46.5	-10.549-	.306	96.6	2
2587	L 3183	6.3		7	19.90	+2.2170+	.0017	-36	59	42.3	-10.576-	.270	98.0	2
2588	CZ 544	7.8		7	38.28	+2.2329+	.0017	-36	30	11.3	-10.599-	.272	98.1	2
2589	CZ 574	8.5		7	55.72	+2.2157+	.0017	-37	4	53.3	-10.621-	.269	98.1	2
2590	CZ 565	8.4		7	57.35	+2.4519+	.0014	-28	42	11.0	-10.623-	.299	96.2	2
2591	CZ 587	7.2		8	6.83	+2.2651+	.0017	-35	28	27.6	-10.634-	.275	98.0	2
2592	CZ 613	8.2		8	21.50	+2.2668+	.0017	-35	26	2.0	-10.653-	.275	96.5	3
2593	CZ 605	9.3		8	23.62	+2.5640+	.0010	-24	11	22.6	-10.655-	.312	96.1	1
2594	CZ 633	9.4		8	33.47	+2.2870+	.0017	-34	45	52.0	-10.667-	.278	96.6	2
2595	CZ 639	8.0		8	39.34	+2.2309+	.0017	-36	38	38.2	-10.675-	.271	98.2	2
2596	CZ 638	6.5		8	43.20	+2.4297+	.0015	-29	36	40.1	-10.679-	.295	99.0	2
2597	CZ 644	7.0		8	44.34	+2.2298+	.0017	-36	41	20.2	-10.681-	.271	98.5	3
2598	CPD-36° 2073	8.1		8	50.94	+2.2399+	.0017	-36	22	0.1	-10.689-	.272	99.1	2
2599	CZ 652	7.5		8	59.53	+2.5696+	.0010	-23	59	26.1	-10.699-	.312	99.0	2
2600	CZ 665	9.5	8	9	4.69	+2.2657+	.0017	-35	31	34.8	-10.706-	.275	98.1	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
2601	CZ 667	8.8	8 9 4.98	+2.2287+.0017	-36 44 58.2	-10.706-.270	99.2	3
2602	CPD-35° 2039	7.7	9 5 3.36	+2.2537+.0017	-35 55 37.5	-10.707-.273	99.1	2
2603	CZ 666	8.2	9 13.31	+2.5779+.0010	-23 39 3.7	-10.716-.313	99.1	2
2604	CZ 679	7.7	9 13.85	+2.3026+.0017	-34 16 39.1	-10.717-.279	98.1	2
2605	CZ 683	8.0	9 17.91	+2.3708+.0017	-31 51 16.6	-10.722-.288	96.6	2
2606	CZ 688	8.0	9 24.46	+2.3486+.0017	-32 40 2.1	-10.730-.285	99.1	2
2607	GC 10955	7.8	9 32.98	+2.2514+.0018	-36 2 22.1	-10.741-.273	99.1	2
2608	CZ 706	8.9	9 36.11	+2.4336+.0016	-29 31 10.7	-10.745-.295	96.6	2
2609	CZ 715	7.8	9 37.44	+2.2524+.0018	-36 0 30.2	-10.746-.273	98.2	2
2610	CZ 712	8.0	9 38.17	+2.3399+.0017	-32 59 47.6	-10.747-.284	98.2	2
2611	CZ 713	7.1	9 38.86	+2.3828+.0017	-31 26 14.5	-10.748-.288	97.4	4
2612	L 3212	4.8	9 43.04	+2.2650+.0018	-35 35 50.9	-10.753-.274	98.1	8
2613	CZ 726	7.5	9 47.51	+2.3326+.0017	-33 15 59.4	-10.759-.282	98.2	2
2614	CZ 740	7.8	10 2.14	+2.2861+.0018	-34 54 17.3	-10.777-.276	98.2	2
2615	CZ 746	8.5	10 5.67	+2.2103+.0017	-37 25 17.3	-10.781-.267	99.2	2
2616	L 3219	5.1	10 12.92	+2.2535+.0018	-36 1 8.9	-10.790-.272	98.2	2
2617	Brisb 1942	5.9	10 13.42	+2.2530+.0018	-36 2 15.4	-10.791-.272	98.2	2
2618	L 3217	6.7	10 13.74	+2.3731+.0017	-31 50 14.2	-10.791-.287	98.2	8
2619	CZ 758	8.6	10 14.80	+2.2121+.0017	-37 22 29.9	-10.792-.267	96.2	2
2620	CZ 768	7.5	10 20.28	+2.2347+.0018	-36 38 55.4	-10.799-.270	98.1	2
2621	CZ 767	8.4	10 20.56	+2.2507+.0018	-36 7 18.5	-10.799-.272	98.2	2
2622	CZ 774	5.8	10 25.72	+2.2787+.0018	-35 11 12.4	-10.806-.275	98.1	2
2623	CZ 810	8.2	10 58.59	+2.4206+.0016	-30 6 50.4	-10.846-.292	96.2	2
2624	GC 11004	8.0	11 9.32	+2.2745+.0018	-35 23 4.8	-10.859-.274	98.1	2
2625	CZ 843	8.5	11 18.53	+2.2461+.0018	-36 20 58.5	-10.870-.271	98.1	2
2626	CZ 864	8.1	11 32.85	+2.3801+.0017	-31 40 21.5	-10.888-.287	98.1	2
2627	CZ 867	9.2	11 37.14	+2.4544+.0015	-28 51 1.9	-10.893-.296	96.6	2
2628	CZ 875	8.2	11 44.70	+2.4117+.0017	-30 30 14.1	-10.902-.290	96.2	2, 1
2629	CZ 888	8.0	11 45.49	+2.2253+.0018	-37 3 55.0	-10.903-.268	98.1	2
2630	CZ 891*	7.0	11 52.02	+2.4089+.0017	-30 37 7.6	-10.911-.290	99.0	2
2631	CZ 894	8.2	11 54.44	+2.4116+.0017	-30 31 18.9	-10.914-.290	96.2	2
2632	CZ 896	7.2	11 56.15	+2.4285+.0016	-29 52 37.2	-10.916-.292	99.0	2
2633	CZ 897*	9.1	11 57.15	+2.4644+.0015	-28 28 56.8	-10.918-.296	96.3	1
2634	CZ 917	6.2	12 11.79	+2.2706+.0018	-35 35 46.3	-10.936-.273	98.1	2
2635	A 6679	7.2	12 21.58	+2.6298+.0007	-21 34 24.3	-10.947-.316	99.1	2
2636	CZ 931	8.0	12 25.16	+2.2718+.0018	-35 34 30.1	-10.952-.273	98.1	2
2637	CPD-35° 2138	7.1	12 38.72	+2.2628+.0018	-35 53 39.9	-10.968-.271	99.1	2
2638	CZ 963	9.0	12 48.97	+2.4457+.0016	-29 16 31.2	-10.981-.294	96.2	1
2639	CZ 967	8.7	12 53.91	+2.4513+.0016	-29 3 40.6	-10.987-.294	96.6	2
2640	CZ 984	8.4	12 56.13	+2.2504+.0018	-36 19 50.0	-10.990-.270	98.0	2
2641	CZ 1009	8.0	13 14.88	+2.3139+.0018	-34 11 15.6	-11.013-.277	98.1	2
2642	CZ 1001	7.8	13 16.26	+2.5281+.0013	-25 59 30.2	-11.014-.303	99.1	2
2643	GC 11065	8.1	13 18.60	+2.5592+.0011	-24 41 32.2	-11.017-.307	99.1	2
2644	CZ 1018	8.6	13 27.32	+2.5506+.0012	-25 3 42.8	-11.028-.306	96.6	2
2645	CZ 1024	9.0	13 30.59	+2.5520+.0012	-25 0 22.7	-11.032-.306	96.7	2
2646	CZ 1034	7.2	13 32.45	+2.3600+.0018	-32 33 36.9	-11.034-.283	98.2	2
2647	CZ 1031	8.5	13 34.22	+2.5082+.0014	-26 49 44.2	-11.036-.301	96.6	2
2648	GC 11076	7.6	13 35.90	+2.4443+.0016	-29 22 57.4	-11.038-.293	99.2	2
2649	CZ 1035	8.2	13 39.48	+2.5512+.0012	-25 3 0.9	-11.042-.306	96.2	1
2650	Brisb 1962	7.1	8 13 54.31	+2.4369+.0017	-29 41 33.2	-11.061-.292	98.1	8

2630 8<sup>M</sup>5 3" 20°2633 9<sup>M</sup>5 3" 170°



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
2651	CPD-35° 2176	6.8	8	13	59.12	+2.2700+	.0019	-35	45	23.9	-11.066-	.271	99.0	2
2652	CZ 1077	7.5		14	7.25	+2.5285+	.0013	-26	1	53.2	-11.076-	.303	99.1	2
2653	CZ 1084	8.7		14	10.40	+2.4486+	.0016	-29	15	18.5	-11.080-	.293	96.7	2
2654	CZ 1115	8.6		14	28.00	+2.2288+	.0019	-37	9	52.7	-11.102-	.266	99.1	2, 3
2655	L 3257	5.7		14	28.41	+2.2892+	.0019	-35	8	22.2	-11.102-	.273	98.2	2
2656	CZ 1118	8.0		14	29.62	+2.2320+	.0019	-37	3	46.9	-11.103-	.266	98.1	2
2657	CZ 1124	8.7		14	37.22	+2.3743+	.0018	-32	6	49.1	-11.113-	.283	96.6	2
2658	CZ 1136	8.8		14	43.05	+2.2878+	.0019	-35	12	23.9	-11.120-	.273	99.2	2
2659	L 3259	4.4		14	48.76	+2.2543+	.0019	-36	20	58.0	-11.127-	.269	98.1	8
2660	CZ 1176	8.0		15	13.41	+2.3571+	.0019	-32	47	31.7	-11.157-	.281	98.1	2
2661	CZ 1184	8.4		15	25.56	+2.5524+	.0012	-25	6	34.3	-11.171-	.304	96.2	2
2662	CZ 1211	6.2		15	37.93	+2.3166+	.0019	-34	16	31.3	-11.186-	.276	96.6	2
2663	CZ 1237	8.4		15	54.89	+2.2964+	.0020	-35	0	5.5	-11.207-	.273	96.6	2
2664	CZ 1250	7.0		16	2.00	+2.2346+	.0019	-37	6	7.9	-11.215-	.265	98.1	2
2665	CZ 1244	7.2		16	3.72	+2.4126+	.0018	-30	46	55.6	-11.217-	.287	99.0	2
2666	GC 11142	6.8		16	6.35	+2.6114+	.0009	-22	36	31.3	-11.221-	.311	99.0	2
2667	CZ 1256	9.2		16	8.97	+2.4163+	.0018	-30	39	2.3	-11.224-	.287	96.7	2
2668	CZ 1269	8.8		16	9.09	+2.2413+	.0019	-36	53	18.0	-11.224-	.266	99.1	2
2669	CPD-36° 2279	8.0		16	12.50	+2.2593+	.0020	-36	17	46.0	-11.228-	.268	99.2	2
2670	CZ 1267	7.5		16	13.49	+2.4531+	.0017	-29	13	31.0	-11.229-	.292	99.1	2
2671	CZ 1310	8.0		16	54.92	+2.3692+	.0019	-32	28	39.8	-11.279-	.281	96.2	2
2672	CZ 1311	8.9		17	0.03	+2.5334+	.0014	-26	0	55.7	-11.285-	.300	96.3	2
2673	L 3277	4.9		17	26.76	+2.3633+	.0019	-32	44	11.2	-11.318-	.279	98.1	8
2674	CZ 1365	9.1		17	34.30	+2.5413+	.0013	-25	43	24.3	-11.327-	.301	96.6	2
2675	L 3281	5.2		17	34.42	+2.2664+	.0020	-36	9	57.6	-11.327-	.268	96.2	2
2676	L 3287	6.4		17	47.00	+2.1703+	.0019	-39	18	8.1	-11.342-	.256	98.1	8
2677	CPD-25° 3556	9.0		17	54.94	+2.5410+	.0014	-25	45	31.4	-11.352-	.300	96.3	1
2678	CZ 1433	7.5		18	16.26	+2.3955+	.0019	-31	36	5.7	-11.377-	.283	98.2	2
2679	CZ 1446	7.2		18	27.61	+2.4535+	.0018	-29	22	18.4	-11.391-	.290	99.1	2
2680	Pi 60	5.9		18	36.35	+2.5357+	.0014	-26	1	38.9	-11.401-	.299	98.2	8
2681	GC 11228	7.5		18	45.25	+2.4047+	.0019	-31	17	11.6	-11.412-	.283	99.1	2
2682	CZ 1507	8.0		19	12.08	+2.3348+	.0020	-33	54	40.1	-11.444-	.275	98.1	2
2683	CZ 1510	8.8		19	12.37	+2.3143+	.0020	-34	38	26.1	-11.444-	.272	96.2	2
2684	CZ 1501	9.1		19	14.14	+2.5755+	.0012	-24	22	19.2	-11.447-	.304	96.2	3, 2
2685	CZ 1526	7.8		19	22.16	+2.3870+	.0019	-32	0	21.2	-11.456-	.281	98.2	2
2686	CZ 1520	6.0		19	22.67	+2.5015+	.0016	-27	29	56.1	-11.457-	.295	96.2	2
2687	CZ 1543	7.4		19	38.22	+2.4380+	.0018	-30	4	11.2	-11.475-	.286	96.2	2
2688	CZ 1546	7.0		19	41.96	+2.4740+	.0017	-28	38	50.8	-11.480-	.290	99.0	2
2689	CZ 1574	8.6		19	56.08	+2.2131+	.0020	-38	7	40.2	-11.497-	.260	96.7	2
2690	CZ 1577	7.8		20	1.60	+2.3732+	.0020	-32	34	26.2	-11.503-	.278	98.0	2
2691	CZ 1596	8.1		20	14.22	+2.3166+	.0021	-34	38	37.1	-11.518-	.272	99.1	2
2692	CZ 1600	7.2		20	14.22	+2.2662+	.0021	-36	23	30.4	-11.518-	.266	98.1	1
2693	CZ 1603	7.8		20	18.88	+2.3014+	.0021	-35	11	5.0	-11.524-	.270	98.1	3
2694	Yarn 3471	9.0		20	24.00	+2.5031+	.0016	-27	30	43.4	-11.530-	.294	96.3	1
2695	CZ 1616	6.8		20	33.08	+2.6004+	.0011	-23	21	57.8	-11.541-	.306	99.1	2
2696	Cord 11272	5.7		20	34.09	+2.6125+	.0010	-22	49	47.4	-11.542-	.307	99.1	2
2697	Pi 72	5.5		20	44.67	+2.5926+	.0011	-23	43	17.8	-11.555-	.304	99.1	2
2698	Pi 74	8.5		20	47.71	+2.5926+	.0011	-23	43	16.1	-11.558-	.304	99.1	2
2699	Cin Z 1519*	7.5		20	54.85	+2.6356+	.0009	-21	48	55.0	-11.567-	.309	99.0	2
2700	CZ 1677	7.0	8	21	10.69	+2.4012+	.0020	-31	36	53.0	-11.586-	.281	98.0	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
2701	CZ 1689	8.9	8 21 18.89	+2.3879+.0020	-32 7 26.5	-11.595-.279	96.2	2
2702	CZ 1697	8.0	21 24.02	+2.3362+.0021	-34 2 24.4	-11.601-.273	99.1	2
2703	CZ 1713	9.2	21 41.55	+2.5389+.0015	-26 6 24.2	-11.622-.297	96.2	2
2704	CZ 1715	8.0	21 42.91	+2.4540+.0019	-29 35 43.2	-11.624-.286	96.2	3
2705	CZ 1720	8.8	21 46.77	+2.5554+.0014	-25 24 34.7	-11.629-.298	96.6	2
2706	CZ 1724	8.7	21 48.65	+2.5169+.0016	-27 2 19.1	-11.631-.294	96.7	2
2707	CZ 1742	7.2	22 1.32	+2.3968+.0020	-31 50 36.0	-11.646-.279	98.0	2
2708	CZ 1743	6.8	22 4.94	+2.5227+.0016	-26 48 55.7	-11.650-.294	99.0	2
2709	CZ 1768	8.0	22 20.10	+2.3769+.0021	-32 37 10.4	-11.668-.277	96.6	2
2710	CZ 1790	7.9	22 34.27	+2.3703+.0021	-32 53 5.9	-11.685-.276	99.0	2
2711	CZ 1789	8.6	22 35.90	+2.4595+.0019	-29 26 43.9	-11.687-.286	96.7	2
2712	GC 11328	7.9	22 38.22	+2.6134+.0011	-22 55 24.4	-11.690-.305	99.2	2
2713	CZ 1799	7.4	22 43.44	+2.4736+.0018	-28 53 13.7	-11.696-.288	99.2	2
2714	GC 11335	7.2	22 48.90	+2.6095+.0011	-23 6 31.0	-11.702-.304	99.2	2
2715	CZ 1815	7.5	22 49.45	+2.4023+.0020	-31 41 54.4	-11.703-.279	98.0	2
2716	CZ 1831	7.9	22 55.19	+2.3450+.0022	-33 50 45.3	-11.710-.272	99.2	2
2717	CZ 1832	8.1	22 55.47	+2.3333+.0022	-34 16 5.9	-11.710-.271	96.7	2
2718	CZ 1842	7.5	23 4.36	+2.3988+.0021	-31 51 14.8	-11.721-.279	98.0	2
2719	CZ 1847	8.2	23 9.01	+2.2746+.0022	-36 21 6.1	-11.726-.264	98.1	2
2720	CZ 1851	6.8	23 15.31	+2.4125+.0020	-31 20 35.5	-11.734-.280	98.1	2
2721	CPD-36° 2511	7.9	23 22.26	+2.2681+.0022	-36 35 37.8	-11.742-.263	99.1	2
2722	CZ 1876	7.4	23 27.44	+2.3318+.0022	-34 22 2.7	-11.748-.270	98.1	2
2723	CZ 1868	7.5	23 28.89	+2.5777+.0013	-24 33 38.0	-11.750-.299	99.1	2
2724	CZ 1875	8.9	23 29.78	+2.4395+.0020	-30 18 35.2	-11.751-.283	96.2	2
2725	CZ 1879	9.0	23 34.39	+2.4701+.0019	-29 5 38.6	-11.756-.287	96.6	2
2726	CZ 1886	7.1	23 37.12	+2.4050+.0021	-31 39 47.4	-11.759-.279	98.1	2
2727	CZ 1883	6.8	23 38.96	+2.5493+.0015	-25 48 5.7	-11.762-.296	99.0	2
2728	CZ 1900	8.4	23 45.70	+2.3684+.0022	-33 3 8.8	-11.769-.274	96.2	2
2729	L 3336	5.8	24 7.21	+2.3218+.0022	-34 46 57.1	-11.795-.269	98.1	2
2730	GC 11374	7.2	24 14.27	+2.6198+.0011	-22 44 19.0	-11.803-.304	99.0	2
2731	CZ 1958	8.4	24 27.13	+2.3212+.0022	-34 50 7.3	-11.818-.268	98.1	2
2732	CZ 1996	8.0	24 49.53	+2.3342+.0022	-34 23 55.9	-11.845-.269	98.0	2
2733	CZ 2004	8.6	24 53.00	+2.2830+.0023	-36 12 57.0	-11.849-.263	96.7	2
2734	CZ 2000	8.2	24 53.74	+2.4370+.0020	-30 30 58.7	-11.850-.281	96.7	2
2735	CZ 2001	7.9	24 55.83	+2.4907+.0018	-28 21 22.7	-11.852-.288	96.6	2
2736	CZ 2009	8.9	25 1.50	+2.5130+.0017	-27 26 29.5	-11.859-.290	97.1	1
2737	CZ 2012	9.0	25 2.20	+2.5125+.0017	-27 27 41.2	-11.860-.290	96.7	2
2738	CZ 2025	9.0	25 12.84	+2.4499+.0020	-30 2 2.7	-11.872-.283	96.7	2
2739	CZ 2026	6.7	25 15.14	+2.5239+.0017	-26 59 53.7	-11.875-.291	99.0	2
2740	CZ 2058	8.4	25 32.73	+2.3368+.0023	-34 21 55.6	-11.895-.269	98.0	2
2741	CZ 2060	7.7	25 35.98	+2.3489+.0023	-33 55 40.8	-11.899-.270	99.1	2
2742	CZ 2072	8.0	25 47.16	+2.3547+.0023	-33 43 47.1	-11.912-.271	99.1	2
2743	CZ 2106	9.2	26 6.41	+2.3148+.0023	-35 12 15.5	-11.935-.266	96.2	2
2744	CZ 2113	8.2	26 11.25	+2.3822+.0022	-32 44 19.1	-11.941-.274	99.2	2
2745	L 3356	5.6	26 27.95	+2.4068+.0022	-31 49 24.8	-11.960-.276	98.0	2
2746	CZ 2151	8.8	26 35.65	+2.2824+.0024	-36 23 0.7	-11.969-.262	98.1	2
2747	CZ 2160	7.2	26 41.47	+2.2826+.0024	-36 23 6.2	-11.976-.262	98.1	2
2748	CZ 2161	7.0	26 45.44	+2.4338+.0021	-30 47 53.4	-11.981-.279	99.0	2
2749	CZ 2169	8.2	26 45.79	+2.2871+.0024	-36 14 16.6	-11.981-.262	99.0	2
2750	CZ 2165	9.0	8 26 52.82	+2.6022+.0013	-23 42 30.3	-11.989-.299	96.6	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
2751	CZ 2176	7.2	8 26 54.15	+2.3687+.0023	-33 18 27.8	-11.991-.272	98.1	2
2752	CZ 2179	8.5	27 0.50	+2.4188+.0022	-31 24 24.4	-11.998-.277	98.0	2
2753	CZ 2181	8.5	27 1.64	+2.3693+.0023	-33 17 50.6	-12.000-.272	98.2	1
2754	CZ 2213	8.6	27 23.03	+2.2598+.0024	-37 13 44.9	-12.025-.258	96.7	2
2755	CZ 2217	8.4	27 27.83	+2.3593+.0023	-33 42 23.3	-12.030-.270	98.1	2
2756	CZ 2228	9.2	27 33.85	+2.2999+.0024	-35 51 42.7	-12.037-.263	96.3	2
2757	CZ 2220	9.2	27 34.98	+2.5256+.0018	-27 6 1.5	-12.038-.289	96.2	2
2758	CZ 2233*	8.1	27 36.70	+2.2859+.0024	-36 21 12.1	-12.040-.261	98.2	2
2759	CZ 2252	8.0	27 53.77	+2.4800+.0020	-29 1 41.2	-12.060-.284	96.2	2
2760	CZ 2261	8.1	28 0.98	+2.4218+.0022	-31 22 20.3	-12.069-.277	98.0	2
2761	CZ 2301	8.5	28 30.99	+2.2526+.0024	-37 34 40.5	-12.104-.256	96.6	2
2762	CZ 2312	6.8	28 45.56	+2.5927+.0014	-24 15 54.8	-12.121-.296	99.1	2
2763	CZ 2333	8.9	28 57.36	+2.4673+.0021	-29 38 4.5	-12.134-.281	96.2	2
2764	L 3386	6.8	28 57.42	+2.4286+.0022	-31 10 53.8	-12.134-.277	98.1	10
2765	CZ 2347	6.6	29 3.83	+2.3472+.0024	-34 17 35.6	-12.142-.267	98.1	2
2766	GC 11510	7.6	29 26.13	+2.6213+.0012	-23 1 5.4	-12.168-.299	96.2	2
2767	CZ 2382	8.0	29 29.24	+2.3478+.0024	-34 18 25.8	-12.171-.267	98.1	2
2768	CZ 2390	8.0	29 31.15	+2.2919+.0025	-36 19 9.3	-12.173-.260	98.1	2
2769	CZ 2398	9.2	29 40.75	+2.4996+.0020	-28 21 25.4	-12.185-.284	96.5	3
2770	CZ 2397	7.1	29 43.32	+2.5832+.0015	-24 45 24.6	-12.188-.294	99.1	2
2771	CZ 2406	9.0	29 52.53	+2.4963+.0020	-28 30 54.5	-12.198-.284	97.2	2
2772	CZ 2409	8.8	29 54.21	+2.4973+.0020	-28 28 32.9	-12.200-.284	97.2	2
2773	CZ 2443	7.0	30 16.07	+2.5385+.0018	-26 45 17.6	-12.225-.288	99.1	2
2774	CZ 2462	7.4	30 23.33	+2.2871+.0025	-36 33 52.9	-12.234-.259	98.2	2
2775	A 7014	7.8	30 26.31	+2.6638+.0009	-21 6 55.0	-12.237-.302	99.1	2
2776	CZ 2461	8.9	30 26.56	+2.4706+.0021	-29 37 24.7	-12.238-.280	96.2	2
2777	CPD-33° 2280	8.2	30 30.37	+2.3626+.0024	-33 50 58.6	-12.242-.268	99.1	2
2778	CZ 2469	6.4	30 31.54	+2.4047+.0024	-32 15 3.6	-12.243-.273	98.1	2
2779	A 7018	7.5	30 40.62	+2.6472+.0011	-21 54 31.5	-12.254-.300	99.2	2
2780	L 3408	6.3	30 42.49	+2.2677+.0025	-37 16 2.5	-12.256-.256	98.1	8
2781	CZ 2510	8.5	30 58.79	+2.2866+.0025	-36 38 18.8	-12.275-.258	98.1	2
2782	A 7026	8.8	31 6.87	+2.6050+.0014	-23 52 33.4	-12.284-.295	96.2	2
2783	CZ 2527	8.0	31 11.34	+2.2768+.0026	-36 59 51.7	-12.289-.257	98.1	2
2784	CZ 2522	5.9	31 14.24	+2.5462+.0018	-26 29 54.6	-12.293-.288	99.0	2
2785	CZ 2528	6.8	31 14.52	+2.3689+.0025	-33 40 49.5	-12.293-.268	98.2	2
2786	CZ 2559	8.4	31 40.93	+2.4171+.0024	-31 52 2.8	-12.323-.273	96.2	2
2787	CZ 2575	8.5	31 50.56	+2.3695+.0025	-33 42 43.5	-12.334-.267	98.2	2
2788	GC 11588	7.6	32 12.68	+2.4404+.0023	-30 59 29.1	-12.360-.275	99.1	2
2789	CZ 2611	8.5	32 19.17	+2.3105+.0026	-35 55 1.0	-12.367-.260	96.2	2
2790	CZ 2610	6.8	32 20.45	+2.4174+.0024	-31 54 56.0	-12.369-.272	98.0	2
2791	CZ 2635	7.0	32 47.90	+2.5588+.0018	-26 4 3.3	-12.400-.288	99.2	2
2792	CZ 2641	7.7	32 51.79	+2.5667+.0017	-25 43 28.5	-12.405-.289	99.2	1
2793	CZ 2649	8.0	32 54.60	+2.4324+.0024	-31 22 27.6	-12.408-.273	98.1	2
2794	CZ 2655	8.3	32 56.74	+2.3445+.0026	-34 44 31.5	-12.410-.263	98.0	2
2795	CZ 2677	8.5	33 18.92	+2.6160+.0014	-23 31 55.4	-12.436-.294	96.5	3
2796	CZ 2703	7.8	33 31.34	+2.3173+.0027	-35 47 14.8	-12.450-.259	98.2	2
2797	GC 11628	6.9	33 31.57	+2.3819+.0026	-33 23 41.9	-12.450-.267	99.1	2
2798	η Pyxidis	5.2	33 35.91	+2.5639+.0018	-25 54 17.1	-12.455-.288	98.1	8
2799	CZ 2734	8.8	33 53.77	+2.6003+.0015	-24 17 25.3	-12.476-.291	96.2	2
2800	CZ 2809	8.2	8 34 45.05	+2.4694+.0023	-30 2 8.5	-12.534-.276	96.2	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch	No. Obs.
		M	h m s	s s	° ' "	" "		
2801	Paris 10648	5.1	8 34 45.30	+2.6443+.0012	-22 19 19.0	-12.534-.295	98.1	8
2802	CZ 2812	9.0	34 46.65	+2.3773+.0026	-33 41 8.6	-12.536-.265	98.1	1
2803	CZ 2815	7.0	34 49.53	+2.3818+.0026	-33 31 6.7	-12.539-.266	98.0	2
2804	CZ 2844	8.0	35 13.40	+2.3895+.0026	-33 15 32.4	-12.566-.266	99.1	2
2805	CZ 2867	7.0	35 25.79	+2.2849+.0028	-37 7 5.7	-12.580-.254	99.2	2
2806	CZ 2854	8.8	35 26.02	+2.6212+.0014	-23 27 2.9	-12.581-.292	97.2	1
2807	CZ 2860	8.6	35 26.85	+2.4659+.0024	-30 14 24.9	-12.582-.274	96.7	2
2808	CZ 2859	9.2	35 29.09	+2.6209+.0014	-23 27 58.3	-12.584-.292	96.7	2
2809	CZ 2866	7.5	35 30.43	+2.5022+.0022	-28 43 42.7	-12.586-.279	97.9	4
2810	CZ 2877	6.5	35 32.58	+2.3095+.0028	-36 15 17.3	-12.588-.257	96.7	2
2811	ζ Pyxidis	5.0	35 33.49	+2.4910+.0023	-29 12 18.3	-12.589-.277	96.5	3
2812	CZ 2888	7.1	35 51.94	+2.3807+.0027	-33 39 19.8	-12.610-.264	98.2	2
2813	CZ 2905	7.8	36 4.76	+2.3810+.0027	-33 39 58.0	-12.624-.264	98.2	3
2814	β Pyxidis	4.0	36 11.25	+2.3470+.0028	-34 57 12.1	-12.632-.260	98.2	8
2815	CZ 2922*	8.5	36 14.68	+2.4289+.0026	-31 48 38.5	-12.636-.269	99.1	2
2816	L 3463	5.2	36 38.98	+2.2058+.0027	-39 54 31.6	-12.663-.244	98.1	8
2817	CZ 2966	9.2	36 46.96	+2.3279+.0028	-35 42 46.9	-12.672-.258	96.2	2
2818	A 7141	7.8	37 9.41	+2.6581+.0012	-21 50 16.1	-12.698-.294	99.1	2
2819	CZ 2992	8.8	37 16.68	+2.4501+.0025	-31 2 56.0	-12.706-.271	96.6	2
2820	CZ 2993	7.8	37 17.75	+2.4042+.0027	-32 52 54.3	-12.707-.266	98.1	2
2821	CZ 3009	8.3	37 28.33	+2.3329+.0028	-35 35 53.6	-12.719-.257	99.2	2
2822	A 7150	8.0	38 8.10	+2.6556+.0013	-22 1 39.4	-12.764-.293	99.1	2
2823	CZ 3050	7.6	38 9.39	+2.4316+.0026	-31 52 23.6	-12.765-.268	96.3	2
2824	CZ 3071	9.0	38 20.29	+2.4264+.0027	-32 6 4.7	-12.778-.267	96.2	1
2825	CZ 3105	8.2	38 48.11	+2.2970+.0029	-37 1 18.5	-12.809-.252	96.6	2
2826	CZ 3109	8.5	38 50.92	+2.3692+.0028	-34 22 30.4	-12.812-.260	98.0	2
2827	CZ 3118	8.2	38 58.30	+2.4493+.0026	-31 14 7.6	-12.820-.269	99.1	2
2828	GC 11793	6.8	39 3.21	+2.3375+.0029	-35 35 3.0	-12.826-.256	99.0	2
2829	CZ 3159	8.2	39 33.81	+2.4118+.0028	-32 47 45.0	-12.860-.264	98.1	2
2830	α Pyxidis	3.7	39 34.44	+2.4111+.0028	-32 49 33.1	-12.861-.264	98.1	8
2831	CZ 3187	8.6	39 47.17	+2.4048+.0028	-33 5 34.8	-12.875-.263	98.2	1
2832	CZ 3204	9.1	39 54.88	+2.3746+.0029	-34 16 28.7	-12.883-.260	96.7	2
2833	CZ 3210	8.6	40 0.54	+2.4054+.0028	-33 5 29.2	-12.890-.263	98.1	2
2834	CZ 3228	7.1	40 18.17	+2.6295+.0016	-23 25 28.5	-12.909-.288	99.1	2
2835	CZ 3245	8.0	40 23.88	+2.4422+.0027	-31 39 33.0	-12.916-.267	98.1	2
2836	CZ 3260	6.8	40 29.03	+2.2977+.0030	-37 9 50.4	-12.922-.251	96.2	2
2837	CZ 3288	7.6	40 53.79	+2.4687+.0026	-30 36 53.7	-12.949-.269	99.1	2, 3
2838	CZ 3289	8.8	40 55.60	+2.4815+.0026	-30 4 53.0	-12.951-.271	96.2	2
2839	L 3506	5.8	41 0.90	+2.3100+.0030	-36 47 1.6	-12.957-.251	98.2	2
2840	CZ 3305	6.8	41 4.42	+2.4382+.0028	-31 52 59.4	-12.961-.266	98.1	2
2841	GC 11860*	9.3	41 17.25	+2.5345+.0023	-27 50 12.6	-12.975-.276	99.2	3
2842	CZ 3332	6.0	41 29.71	+2.5973+.0019	-25 1 25.3	-12.989-.283	99.1	2
2843	CZ 3335	8.6	41 35.46	+2.5429+.0023	-27 29 31.3	-12.996-.277	96.2	2
2844	CZ 3357	7.3	41 52.44	+2.4422+.0028	-31 47 56.2	-13.014-.265	98.1	2
2845	CZ 3352	7.5	41 52.95	+2.5712+.0021	-26 14 51.2	-13.015-.280	99.2	2
2846	CZ 3363	8.1	41 55.96	+2.3237+.0031	-36 22 40.8	-13.018-.252	98.1	2
2847	CZ 3395	8.0	42 13.22	+2.3171+.0031	-36 38 58.9	-13.037-.251	98.1	2
2848	CPD-33° 2386	7.4	42 21.86	+2.3999+.0030	-33 32 11.2	-13.047-.260	99.1	2, 3
2849	CZ 3401	7.8	42 24.78	+2.5009+.0026	-29 23 31.6	-13.050-.271	96.5	3
2850	CZ 3403	7.4	8 42 26.09	+2.5017+.0026	-29 21 43.0	-13.052-.271	96.3	2

2815 9<sup>h</sup> 0<sup>m</sup> 4<sup>s</sup> 210°

2841 R Pyxidis.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
2851	CZ 3412	8.8	8 42 30.36	+2.4820+.0027	-30 12 28.1	-13.056-.269	96.2	2
2852	CZ 3418	8.0	42 35.58	+2.4171+.0029	-32 52 48.5	-13.062-.262	98.2	2
2853	CZ 3428	9.1	42 42.40	+2.3569+.0031	-35 13 19.0	-13.070-.255	96.2	2
2854	L 3521	6.5	42 50.97	+2.3826+.0030	-34 15 22.4	-13.079-.258	99.2	2
2855	CPD-33° 2390	8.1	42 51.90	+2.3970+.0030	-33 42 1.5	-13.080-.259	99.0	2
2856	CZ 3462	8.0	43 15.96	+2.6217+.0018	-24 1 31.9	-13.107-.284	96.1	1
2857	CZ 3482	7.0	43 25.43	+2.3847+.0031	-34 13 59.0	-13.117-.257	98.2	2
2858	CZ 3490	8.0	43 32.32	+2.3281+.0032	-36 22 57.9	-13.125-.251	98.1	2
2859	CZ 3486	9.2	43 36.61	+2.6227+.0018	-24 0 33.2	-13.130-.283	96.2	2
2860	CZ 3516	7.2	43 49.60	+2.4164+.0030	-33 1 47.5	-13.144-.260	98.0	2
2861	CZ 3489	9.3	43 52.74	+2.6232+.0018	-24 0 15.3	-13.147-.283	96.2	1
2862	CZ 3529	6.5	44 1.65	+2.5302+.0025	-28 16 8.5	-13.157-.273	99.1	2
2863	CZ 3543	8.9	44 10.34	+2.3684+.0032	-34 56 15.7	-13.167-.255	96.2	2
2864	CZ 3549	9.5	44 13.97	+2.3392+.0032	-36 2 30.2	-13.171-.252	96.2	2
2865	CPD-27° 3423	9.2	44 31.26	+2.5497+.0024	-27 26 48.3	-13.190-.274	96.7	2
2866	CZ 3594	8.6	44 53.95	+2.4958+.0027	-29 50 52.5	-13.215-.268	96.1	2
2867	CZ 3630	7.9	45 19.86	+2.4800+.0028	-30 33 41.0	-13.243-.266	99.2	2
2868	CZ 3639	8.1	45 28.28	+2.5419+.0025	-27 53 3.6	-13.252-.272	99.2	2
2869	L 3549	5.2	45 47.71	+2.4367+.0030	-32 24 25.4	-13.273-.260	98.2	2
2870	Pi 188	6.0	45 50.70	+2.5153+.0027	-29 5 26.4	-13.277-.269	98.1	8
2871	CZ 3690	8.2	46 2.51	+2.3389+.0033	-36 14 38.3	-13.290-.250	98.2	2
2872	L 3557	7.0	46 5.87	+2.2689+.0033	-38 46 13.5	-13.293-.242	98.1	8
2873	GC 11998	6.0	46 8.21	+2.5352+.0026	-28 14 40.0	-13.296-.271	99.1	2
2874	γ Pyxidis	4.2	46 17.28	+2.5557+.0024	-27 20 21.0	-13.306-.273	98.2	8
2875	CZ 3712	9.6	46 18.50	+2.3064+.0034	-37 27 48.1	-13.307-.246	96.7	2
2876	CZ 3711	8.2	46 18.95	+2.3381+.0033	-36 18 8.2	-13.308-.249	98.2	2
2877	CZ 3722	9.2	46 22.62	+2.3072+.0034	-37 26 25.3	-13.312-.246	96.2	1
2878	CZ 3713	8.6	46 24.20	+2.5099+.0027	-29 22 40.0	-13.313-.268	96.2	2
2879	CZ 3726*	7.6	46 27.47	+2.3583+.0033	-35 33 25.4	-13.317-.251	98.1	2
2880	CZ 3776	8.0	47 4.93	+2.3991+.0032	-34 2 44.4	-13.358-.255	98.1	2
2881	CZ 3823	8.6	47 40.61	+2.3203+.0034	-37 6 18.6	-13.396-.246	96.6	2
2882	GC 12044	7.8	47 42.70	+2.5601+.0025	-27 15 56.5	-13.399-.272	99.1	2
2883	CZ 3863	8.4	48 19.26	+2.5315+.0027	-28 36 48.9	-13.438-.268	96.2	2
2884	CZ 3871	6.7	48 21.14	+2.4496+.0031	-32 7 55.0	-13.440-.259	98.4	3
2885	CZ 3882	8.2	48 27.62	+2.5091+.0028	-29 36 48.0	-13.447-.266	96.2	2
2886	CZ 3903	7.5	48 43.78	+2.3486+.0035	-36 10 3.8	-13.465-.248	98.1	2
2887	CZ 3902	7.8	48 44.48	+2.4492+.0032	-32 11 23.0	-13.466-.259	98.1	2
2888	CZ 3972	8.9	49 43.39	+2.6353+.0020	-23 54 20.5	-13.529-.278	96.2	2
2889	CZ 3985	8.7	49 48.91	+2.4384+.0033	-32 44 32.8	-13.535-.256	97.2	2
2890	CZ 3993	9.5	49 55.87	+2.4651+.0032	-31 38 45.8	-13.543-.259	96.3	2
2891	CZ 4005	7.5	50 3.82	+2.4623+.0032	-31 46 34.6	-13.551-.259	97.4	3
2892	CZ 4013	7.5	50 4.03	+2.3757+.0035	-35 16 27.9	-13.551-.249	98.2	2
2893	CZ 4035	8.6	50 36.26	+2.6346+.0020	-24 1 0.4	-13.586-.277	96.2	2
2894	CZ 4043	9.0	50 45.14	+2.6490+.0019	-23 19 31.1	-13.595-.279	96.6	2
2895	CZ 4046	8.0	50 46.59	+2.5569+.0027	-27 42 4.0	-13.597-.268	96.2	2
2896	CZ 4057	8.1	50 47.60	+2.3816+.0035	-35 7 23.6	-13.598-.250	98.2	2
2897	CPD-35° 3009	7.5	50 55.39	+2.3678+.0036	-35 40 26.9	-13.606-.248	99.2	2
2898	CZ 4073	7.5	50 59.78	+2.4166+.0034	-33 45 35.3	-13.611-.253	98.2	2
2899	δ Pyxidis	4.9	51 14.19	+2.5666+.0026	-27 17 49.1	-13.627-.269	98.1	8
2900	CZ 4100	8.0	8 51 21.68	+2.4357+.0034	-33 1 10.8	-13.635-.255	98.1	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
2901	CZ 4112	6.5	8 51 31.34	+2.6481+.0019	-23 26 12.3	-13.645-.277	99.1	2
2902	CZ 4116	8.8	51 36.88	+2.5979+.0024	-25 52 14.1	-13.651-.272	96.3	2
2903	CZ 4138	8.0	51 46.25	+2.4155+.0035	-33 53 10.0	-13.661-.252	98.2	2
2904	CZ 4158	8.5	52 5.86	+2.5294+.0029	-29 4 6.8	-13.682-.264	96.2	2
2905	L 3605	7.1	52 26.74	+2.3443+.0037	-36 44 18.4	-13.704-.243	98.1	8
2906	CZ 4210	8.7	52 53.09	+2.3494+.0037	-36 35 34.6	-13.732-.244	97.2	2
2907	CZ 4234	7.4	53 16.84	+2.6304+.0022	-24 27 16.3	-13.757-.273	99.1	2
2908	CZ 4282	8.9	53 50.35	+2.3778+.0037	-35 36 34.3	-13.793-.246	96.2	2
2909	CZ 4276*	8.8	53 52.21	+2.6399+.0022	-24 2 28.7	-13.795-.273	96.2	2
2910	CZ 4280	8.8	53 54.56	+2.5907+.0026	-26 25 19.7	-13.797-.268	96.2	2
2911	CZ 4295	8.6	54 3.23	+2.4997+.0032	-30 34 52.5	-13.806-.258	96.2	2
2912	CZ 4312	8.7	54 12.98	+2.4187+.0036	-34 1 18.2	-13.817-.250	99.1	2
2913	CZ 4310	8.3	54 13.38	+2.4731+.0034	-31 45 13.0	-13.817-.255	98.2	4
2914	CZ 4337	8.0	54 39.03	+2.4783+.0034	-31 34 38.2	-13.844-.255	98.0	2
2915	CZ 4336	8.5	54 39.89	+2.5315+.0031	-29 14 6.6	-13.845-.261	96.7	2
2916	CZ 4353	8.3	54 55.20	+2.6358+.0022	-24 20 15.5	-13.861-.272	96.7	2
2917	CZ 4367	7.5	55 1.03	+2.5502+.0030	-28 25 3.9	-13.867-.262	99.1	2
2918	A 7407	8.0	55 3.88	+2.6673+.0019	-22 46 44.8	-13.870-.275	99.2	2
2919	CZ 4373	9.1	55 5.73	+2.4526+.0036	-32 42 59.0	-13.872-.252	97.1	1
2920	CZ 4381	9.0	55 11.66	+2.4523+.0036	-32 44 29.1	-13.879-.252	96.7	2
2921	CZ 4386	9.0	55 16.36	+2.3992+.0038	-34 55 15.6	-13.884-.246	96.7	2
2922	CZ 4396	7.5	55 25.64	+2.5725+.0028	-27 25 32.1	-13.893-.264	99.1	2
2923	GC 12229	7.8	55 26.49	+2.6774+.0018	-22 18 9.9	-13.894-.275	99.2	2
2924	CZ 4405	8.8	55 29.54	+2.4941+.0034	-30 58 58.4	-13.897-.256	97.2	2
2925	CZ 4410	8.9	55 32.45	+2.3729+.0039	-35 59 34.2	-13.900-.243	96.2	2
2926	GC 12239	8.2	55 56.55	+2.6824+.0018	-22 5 22.5	-13.926-.275	99.2	2
2927	CZ 4442	9.4	55 58.60	+2.6390+.0022	-24 16 11.5	-13.928-.271	96.6	2
2928	CZ 4475	9.1	56 21.02	+2.4723+.0035	-32 1 6.2	-13.951-.253	96.2	2
2929	L 3638	4.4	56 21.43	+2.2420+.0040	-40 51 51.6	-13.952-.229	98.1	8
2930	L 3631	6.9	56 28.40	+2.6502+.0022	-23 45 45.1	-13.959-.271	98.2	8
2931	CZ 4490	7.4	56 34.56	+2.6340+.0024	-24 34 43.4	-13.966-.270	99.1	2
2932	Yarn 3889	7.9	56 48.06	+2.5818+.0028	-27 7 26.0	-13.980-.264	99.2	2
2933	CZ 4508	8.8	56 49.76	+2.6232+.0025	-25 7 38.1	-13.981-.268	96.7	2
2934	CZ 4512	6.8	56 51.09	+2.5998+.0027	-26 16 13.8	-13.983-.266	99.2	2
2935	CZ 4530	8.0	56 59.59	+2.5540+.0031	-28 26 32.4	-13.992-.261	96.7	2
2936	CZ 4556	7.9	57 20.81	+2.6259+.0025	-25 2 26.5	-14.014-.268	99.1	2
2937	CZ 4569	8.5	57 25.24	+2.4025+.0039	-35 2 6.4	-14.018-.244	96.3	2
2938	CZ 4570	7.0	57 30.54	+2.6030+.0027	-26 10 42.8	-14.024-.265	96.7	2
2939	CZ 4622	8.0	58 2.04	+2.3978+.0040	-35 17 42.7	-14.057-.243	98.1	2
2940	CZ 4630	9.1	58 10.10	+2.4977+.0035	-31 6 36.6	-14.065-.254	<sup>96.5</sup> 96.7	3, 2
2941	CZ 4633	9.2	58 14.96	+2.6607+.0022	-23 23 42.2	-14.070-.270	96.6	2
2942	CZ 4646	8.9	58 21.80	+2.4802+.0036	-31 53 45.5	-14.077-.251	96.2	2
2943	CZ 4653	8.2	58 22.20	+2.4342+.0039	-33 51 4.5	-14.078-.247	99.2	2
2944	CZ 4652	8.4	58 23.65	+2.5093+.0035	-30 37 23.1	-14.079-.254	99.2	2
2945	CZ 4650	8.1	58 27.49	+2.6519+.0023	-23 51 17.4	-14.083-.269	96.7	2
2946	CZ 4682	7.0	58 44.07	+2.4778+.0037	-32 2 41.2	-14.100-.251	98.1	8
2947	CZ 4677	7.0	58 46.04	+2.6274+.0025	-25 6 32.0	-14.102-.266	99.2	2
2948	CPD-22° 4039	8.4	59 0.59	+2.6775+.0020	-22 36 7.3	-14.118-.270	99.1	2
2949	CZ 4718	7.6	59 10.93	+2.4518+.0038	-33 12 16.1	-14.128-.248	98.1	2
2950	CZ 4720	8.4	8 59 11.43	+2.4518+.0038	-33 12 28.7	-14.129-.248	98.1	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
2951	CZ 4749	8.0	8 59 33.42	+2.4506+.0038	-33 17 53.2	-14.152-.247	98.2	2
2952	CZ 4751	9.3	59 36.57	+2.4504+.0039	-33 18 55.0	-14.155-.247	98.2	1
2953	CZ 4755	8.0	59 47.02	+2.6546+.0023	-23 50 36.9	-14.166-.268	99.2	2
2954	CZ 4772	8.9	8 59 57.63	+2.3234+.0042	-38 23 52.5	-14.177-.234	96.7	2
2955	CZ 4775	8.0	9 0 1.47	+2.3773+.0042	-36 20 34.3	-14.180-.239	97.2	2
2956	CZ 4793	8.0	0 14.93	+2.4664+.0038	-32 42 14.5	-14.194-.248	98.1	2
2957	CZ 4804	7.8	0 21.38	+2.4818+.0038	-32 3 1.8	-14.201-.249	98.1	2
2958	CZ 4833	7.4	0 50.83	+2.5588+.0033	-28 37 8.3	-14.231-.257	99.1	2
2959	CZ 4838	8.8	0 53.65	+2.5640+.0032	-28 22 45.0	-14.234-.258	96.1	2
2960	CZ 41	9.0	1 30.58	+2.4298+.0041	-34 24 0.5	-14.272-.243	96.2	2
2961	CZ 50	8.2	1 39.43	+2.4733+.0039	-32 34 7.0	-14.281-.247	98.2	2
2962	CZ 55	9.2	1 41.07	+2.3954+.0042	-35 49 20.7	-14.283-.239	96.2	2
2963	CZ 60	8.4	1 48.66	+2.4370+.0041	-34 8 4.6	-14.291-.243	98.2	2
2964	CZ 76	8.0	1 56.81	+2.3993+.0042	-35 41 43.7	-14.299-.239	97.2	2
2965	CZ 86*	8.3	2 6.66	+2.5057+.0038	-31 11 33.4	-14.309-.250	99.2	2
2966	CZ 107	8.8	2 19.72	+2.6055+.0030	-26 32 5.0	-14.322-.260	96.2	2
2967	CZ 137	8.4	2 37.02	+2.4620+.0040	-33 9 56.9	-14.340-.245	98.2	2
2968	CZ 139	8.8	2 41.58	+2.5984+.0031	-26 55 6.9	-14.345-.259	96.2	2
2969	CZ 170	8.2	3 7.38	+2.5011+.0038	-31 30 43.2	-14.371-.248	98.2	2
2970	CZ 173	7.8	3 7.91	+2.4411+.0042	-34 7 2.3	-14.371-.242	98.2	2
2971	CZ 203	8.0	3 31.20	+2.5739+.0033	-28 11 24.6	-14.395-.255	96.2	1
2972	CZ 211	8.5	3 36.76	+2.4943+.0039	-31 52 19.1	-14.401-.247	99.2	2
2973	$\kappa$ Pyxidis	4.8	3 39.48	+2.6300+.0028	-25 27 17.6	-14.404-.260	98.2	8
2974	CZ 220	8.3	3 39.67	+2.4520+.0042	-33 43 11.0	-14.404-.243	98.2	2
2975	CZ 219	8.6	3 40.43	+2.4886+.0040	-32 7 53.1	-14.404-.246	97.2	2
2976	CZ 218	8.0	3 40.49	+2.4998+.0039	-31 38 4.9	-14.404-.247	98.2	2
2977	CZ 215	8.2	3 42.58	+2.6009+.0031	-26 54 6.2	-14.407-.258	96.8	3
2978	CZ 239	8.1	3 56.04	+2.5771+.0033	-28 4 55.7	-14.420-.255	96.2	2
2979	CZ 251	8.2	4 2.84	+2.4498+.0042	-33 51 32.9	-14.427-.242	98.2	2
2980	CZ 263	8.2	4 9.65	+2.3745+.0045	-36 57 18.7	-14.434-.234	97.1	2
2981	CZ 266	8.0	4 15.83	+2.6316+.0028	-25 26 5.2	-14.440-.260	96.8	3
2982	CZ 275	7.0	4 22.43	+2.6133+.0030	-26 21 47.3	-14.447-.258	99.2	2
2983	CZ 325	7.7	4 47.00	+2.4262+.0044	-34 56 37.7	-14.472-.239	98.1	2
2984	CZ 320	8.2	4 49.88	+2.5858+.0033	-27 45 34.6	-14.475-.255	96.2	2
2985	CZ 336	8.4	4 53.52	+2.4273+.0044	-34 54 29.9	-14.478-.239	98.1	2
2986	A 7565	7.3	5 8.95	+2.6958+.0022	-22 11 47.6	-14.494-.265	99.2	2
2987	CZ 361	7.2	5 19.12	+2.5524+.0037	-29 24 40.1	-14.504-.251	99.2	2
2988	$\pi$ 5	7.2	5 22.32	+2.6346+.0029	-25 23 49.1	-14.507-.259	99.1	2
2989	$\epsilon$ Pyxidis	5.6	5 42.09	+2.5416+.0038	-29 57 25.5	-14.527-.249	98.2	8
2990	CZ 394	9.0	5 42.89	+2.5416+.0038	-29 57 40.4	-14.528-.249	98.2	2
2991	GC 12471	7.0	5 54.47	+2.6863+.0024	-22 46 10.1	-14.540-.264	99.2	2
2992	CZ 422	7.6	6 5.87	+2.6265+.0030	-25 52 44.4	-14.551-.257	97.1	2
2993	CZ 452	8.2	6 27.46	+2.4532+.0044	-34 0 31.5	-14.573-.239	98.2	2
2994	CZ 456	8.3	6 30.14	+2.4834+.0042	-32 41 35.9	-14.575-.242	97.2	2
2995	CZ 465	8.0	6 33.63	+2.3951+.0046	-36 26 13.0	-14.579-.234	98.1	2
2996	CZ 492	8.7	6 59.94	+2.4475+.0044	-34 18 56.4	-14.605-.238	96.2	2
2997	CZ 501	8.2	7 12.55	+2.5857+.0035	-28 1 6.8	-14.618-.252	97.2	2
2998	CZ 513	8.2	7 23.66	+2.4245+.0046	-35 20 16.7	-14.629-.236	98.0	2
2999	CZ 518	7.6	7 32.46	+2.5888+.0035	-27 54 22.4	-14.638-.252	99.1	2
3000	CZ 541	8.4	9 7 52.09	+2.4449+.0045	-34 32 4.7	-14.657-.237	98.1	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
3001	CZ 549	8.8	9 7 57.88	+2.4447+.0045	-34 33 18.4	-14.663-.237	98.1	2
3002	CZ 546	7.4	8 1.10	+2.6438+.0030	-25 11 25.1	-14.666-.257	99.1	2
3003	CZ 552	7.2	8 4.16	+2.5771+.0036	-28 32 13.4	-14.669-.250	99.2	2
3004	CZ 562	8.5	8 8.51	+2.5144+.0042	-31 30 0.6	-14.674-.244	96.2	2
3005	CZ 577	9.3	8 19.23	+2.4456+.0046	-34 33 42.9	-14.684-.237	98.2	2
3006	CZ 578	8.5	8 19.88	+2.4605+.0045	-33 55 20.8	-14.685-.238	98.1	2
3007	CZ 583	8.4	8 25.89	+2.5235+.0041	-31 7 5.3	-14.691-.244	96.2	2
3008	CZ 591	8.5	8 28.25	+2.4292+.0047	-35 16 21.1	-14.693-.235	97.2	2
3009	CZ 600	9.1	8 35.12	+2.3487+.0049	-38 31 54.9	-14.700-.227	96.3	2
3010	CZ 602	8.8	8 39.45	+2.5176+.0042	-31 24 43.7	-14.704-.243	96.2	2
3011	CZ 604	7.6	8 42.73	+2.5341+.0040	-30 39 14.9	-14.708-.245	97.2	2
3012	CZ 616	7.7	8 54.19	+2.6645+.0028	-24 12 49.3	-14.719-.258	99.2	2
3013	CZ 628	9.0	9 1.31	+2.5079+.0043	-31 54 4.9	-14.726-.242	97.1	2
3014	CZ 630	6.8	9 4.75	+2.5647+.0038	-29 15 8.9	-14.729-.248	99.1	2
3015	A 7625	7.9	9 17.59	+2.6982+.0024	-22 27 28.4	-14.742-.260	99.1	2
3016	CZ 686	8.8	9 48.05	+2.5474+.0040	-30 9 38.1	-14.772-.245	96.5	3
3017	CZ 707	8.0	10 7.08	+2.4842+.0045	-33 6 8.1	-14.791-.238	97.2	2
3018	CZ 705	8.4	10 9.74	+2.6411+.0031	-25 33 28.5	-14.794-.254	96.7	2
3019	CZ 712	7.1	10 10.62	+2.5057+.0044	-32 8 29.5	-14.794-.240	98.1	2
3020	CZ 709	8.4	10 13.51	+2.6797+.0027	-23 32 11.1	-14.797-.258	96.2	2
3021	CZ 727	8.2	10 19.65	+2.4869+.0045	-33 0 32.2	-14.803-.238	98.1	2
3022	CZ 736	8.1	10 29.35	+2.5578+.0040	-29 44 46.8	-14.813-.245	97.2	2
3023	CZ 744	9.0	10 31.25	+2.4541+.0047	-34 28 36.2	-14.815-.235	96.2	2
3024	CZ 767	7.6	10 43.36	+2.4296+.0048	-35 32 50.1	-14.827-.232	98.1	2
3025	CZ 774	7.8	10 48.38	+2.4962+.0045	-32 39 5.8	-14.831-.238	98.1	2
3026	L 3748	6.0	10 57.81	+2.3907+.0050	-37 11 13.4	-14.841-.228	98.1	2
3027	CZ 801	7.7	11 8.42	+2.6900+.0026	-23 4 38.3	-14.851-.257	99.2	2
3028	CZ 824	7.5	11 19.95	+2.4688+.0047	-33 56 26.7	-14.862-.235	98.2	2
3029	L 3750	6.9	11 25.25	+2.4923+.0046	-32 54 25.5	-14.868-.238	98.2	8, 7
3030	CZ 835	7.8	11 36.45	+2.6204+.0035	-26 46 43.8	-14.879-.250	96.7	2
3031	CZ 841	8.2	11 38.77	+2.5168+.0044	-31 48 45.1	-14.881-.240	96.2	2
3032	L 3756	5.0	11 40.22	+2.3689+.0051	-38 9 11.6	-14.882-.225	98.2	8
3033	L 3755	4.7	11 44.89	+2.3979+.0051	-36 59 46.9	-14.887-.228	98.2	2
3034	CZ 849	7.8	11 48.92	+2.5872+.0038	-28 28 11.3	-14.891-.246	99.2	2
3035	CZ 866	7.0	11 52.26	+2.3930+.0051	-37 12 47.9	-14.894-.227	98.1	2
3036	A 7663	8.0	12 18.43	+2.7202+.0023	-21 32 12.4	-14.920-.259	99.2	2
3037	CZ 971	8.2	13 11.77	+2.5123+.0046	-32 12 57.2	-14.971-.237	97.2	2
3038	CZ 975	8.0	13 15.81	+2.5148+.0046	-32 6 41.2	-14.975-.237	98.2	2
3039	CZ 985	8.4	13 25.07	+2.6113+.0037	-27 26 43.0	-14.984-.246	96.5	3
3040	CZ 1010	8.0	13 42.14	+2.4453+.0050	-35 16 13.5	-15.001-.230	98.2	2
3041	CZ 1008	8.6	13 45.79	+2.6236+.0036	-26 51 45.0	-15.004-.247	96.2	3
3042	CZ 1021	9.0	13 48.25	+2.4532+.0050	-34 56 27.9	-15.007-.231	97.1	2
3043	CZ 1035	6.5	13 56.81	+2.4056+.0052	-36 58 44.4	-15.015-.226	98.1	2
3044	CZ 1044	9.2	14 11.58	+2.5824+.0041	-28 59 20.4	-15.029-.243	96.2	2
3045	CZ 1048*	9.2	14 12.70	+2.5425+.0044	-30 55 30.8	-15.030-.239	96.2	2
3046	CZ 1051	8.0	14 20.92	+2.6784+.0030	-24 2 10.5	-15.038-.252	99.2	2
3047	CZ 1077	7.8	14 35.04	+2.4842+.0049	-33 40 28.8	-15.052-.233	98.6	4
3048	A 7701	7.0	14 36.59	+2.7135+.0026	-22 7 56.7	-15.053-.255	99.2	2
3049	CZ 1089	8.9	14 49.82	+2.6092+.0038	-27 43 5.3	-15.066-.245	96.2	2
3050	CZ 1117	8.8	9 15 6.45	+2.5265+.0046	-31 48 2.5	-15.082-.236	96.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
3051	CZ 1141	8.0	9 15 23.50	+2.5121+.0048	-32 30 36.3	-15.098-.234	98.2	2
3052	CZ 1149	8.4	15 36.37	+2.6181+.0038	-27 21 13.5	-15.111-.244	97.2	3
3053	CZ 1154	9.3	15 37.21	+2.6181+.0038	-27 21 18.0	-15.112-.244	97.2	3
3054	CZ 1160	6.0	15 39.13	+2.4872+.0050	-33 40 48.4	-15.114-.232	98.1	2
3055	CZ 1162	8.8	15 43.40	+2.6362+.0036	-26 25 46.1	-15.118-.246	96.2	2
3056	CZ 1183	8.3	15 50.62	+2.5188+.0048	-32 15 28.4	-15.125-.234	96.2	1
3057	CZ 1191	7.0	15 52.02	+2.4564+.0052	-35 4 36.4	-15.126-.228	98.1	2
3058	CZ 1185	9.2	15 53.35	+2.5895+.0041	-28 50 8.2	-15.127-.241	96.3	2
3059	CZ 1197	9.2	16 0.74	+2.5189+.0048	-32 16 11.9	-15.134-.234	96.8	3
3060	CZ 1203	8.2	16 5.58	+2.5328+.0047	-31 37 50.8	-15.139-.236	99.2	2
3061	CZ 1201	7.2	16 6.84	+2.5928+.0041	-28 42 8.6	-15.140-.241	99.2	2
3062	CZ 1214	8.6	16 10.34	+2.4236+.0054	-36 31 52.3	-15.143-.225	96.7	2
3063	CZ 1228	8.0	16 22.88	+2.5916+.0042	-28 47 45.0	-15.155-.241	99.2	2
3064	CZ 1241	6.7	16 28.59	+2.4096+.0054	-37 9 25.5	-15.161-.224	98.2	2
3065	L 3790 <sup>1</sup>	8.1	16 30.25	+2.5401+.0046	-31 20 9.0	-15.162-.236	98.1	2
3066	L 3790 <sup>2</sup>	8.8	16 30.51	+2.5401+.0046	-31 20 8.2	-15.163-.236	98.1	2
3067	$\theta$ Pyxidis	4.9	17 3.95	+2.6559+.0035	-25 32 23.2	-15.195-.246	98.1	8
3068	CZ 1281	8.0	17 4.29	+2.4635+.0052	-34 55 54.1	-15.195-.228	99.2	2
3069	CZ 1296	8.2	17 19.54	+2.6523+.0036	-25 45 23.1	-15.209-.246	96.7	2
3070	CZ 1336	9.4	17 52.12	+2.6228+.0039	-27 22 49.0	-15.240-.242	96.3	2
3071	CZ 1361	8.0	18 11.38	+2.4970+.0051	-33 34 36.7	-15.258-.230	98.2	2
3072	CZ 1367	8.0	18 14.13	+2.4756+.0053	-34 32 59.8	-15.261-.228	98.2	2
3073	CZ 1385	7.8	18 30.07	+2.5708+.0046	-30 5 49.9	-15.276-.236	96.6	2
3074	CZ 1387	9.2	18 32.55	+2.6364+.0038	-26 44 41.9	-15.278-.242	97.2	1
3075	CZ 1394	8.6	18 36.45	+2.6365+.0038	-26 44 49.5	-15.282-.242	96.7	2
3076	CZ 1414	7.6	18 43.59	+2.4650+.0054	-35 5 31.9	-15.289-.226	98.1	2
3077	CZ 1417	8.6	18 46.84	+2.4796+.0053	-34 26 44.9	-15.292-.227	96.7	2
3078	CZ 1418	8.4	18 50.15	+2.6094+.0042	-28 11 15.4	-15.295-.239	96.7	2
3079	$\lambda$ Pyxidis	4.9	18 52.49	+2.6053+.0042	-28 24 22.4	-15.297-.239	98.2	8
3080	CZ 1430	8.8	18 56.13	+2.5726+.0046	-30 3 37.9	-15.301-.236	96.3	2
3081	CZ 1427	8.4	18 56.95	+2.6562+.0036	-25 44 15.0	-15.302-.244	96.2	2
3082	A 7761	7.9	18 59.98	+2.7343+.0026	-21 23 36.1	-15.304-.251	99.1	2
3083	CZ 1473	7.2	19 27.66	+2.5180+.0051	-32 46 17.3	-15.330-.230	98.2	2
3084	CZ 1495	6.8	19 42.04	+2.4742+.0054	-34 49 5.6	-15.344-.226	98.1	2
3085	CZ 1500	7.2	19 43.65	+2.4165+.0057	-37 19 42.1	-15.345-.220	98.2	2
3086	CZ 1506	9.0	19 52.72	+2.5268+.0050	-32 24 46.3	-15.354-.230	97.2	2
3087	CZ 1524	7.5	20 2.55	+2.6014+.0044	-28 45 1.4	-15.363-.237	99.2	2
3088	CZ 1539-41	8.5	20 10.50	+2.6244+.0041	-27 34 25.5	-15.371-.239	97.1	2
3089	CPD-35° 3474	8.2	20 54.06	+2.4633+.0056	-35 28 27.2	-15.411-.223	99.2	2
3090	CZ 1597	8.4	20 57.76	+2.6075+.0044	-28 32 51.5	-15.415-.237	97.2	2
3091	CZ 1600	9.0	20 59.46	+2.6353+.0041	-27 5 44.2	-15.416-.240	96.2	2
3092	CZ 1611	7.0	21 9.41	+2.6762+.0036	-24 54 19.7	-15.426-.243	99.2	2
3093	CPD-35° 3477	8.6	21 12.43	+2.4533+.0057	-35 57 30.4	-15.428-.222	99.2	2
3094	CZ 1626	8.8	21 21.19	+2.6017+.0045	-28 54 8.4	-15.437-.236	96.2	1
3095	CZ 1629	8.8	21 23.91	+2.6018+.0045	-28 53 42.8	-15.439-.236	96.2	3, 2
3096	CZ 1638	8.1	21 31.45	+2.5001+.0054	-33 53 26.2	-15.446-.226	98.1	2
3097	CPD-32 2601	8.0	21 31.81	+2.5246+.0052	-32 44 31.8	-15.447-.228	99.2	2
3098	CZ 1652	8.4	21 42.63	+2.5622+.0049	-30 56 11.2	-15.457-.231	97.2	2
3099	CZ 1661	8.0	21 51.99	+2.5893+.0047	-29 36 7.4	-15.465-.234	99.2	2
3100	CZ 1670	8.3	9 21 55.99	+2.4652+.0057	-35 32 9.2	-15.469-.222	98.2	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
3101	CZ 1678	9.2	9	22	5.01	+2.6014+	.0045	-29	0	39.2	-15.477-	.234	96.2	2
3102	A 7808 <sup>2</sup>	9.4		22	5.25	+2.6014+	.0045	-29	0	34.2	-15.478-	.234	96.3	2
3103	CZ 1685	9.1		22	7.32	+2.5582+	.0050	-31	11	37.6	-15.479-	.230	96.3	2
3104	CZ 1682	7.0		22	9.98	+2.6992+	.0033	-23	44	5.2	-15.482-	.243	99.2	2
3105	CZ 1690	8.8		22	13.30	+2.6558+	.0039	-26	8	37.5	-15.485-	.239	97.1	2
3106	CZ 1705	6.0		22	23.33	+2.6148+	.0044	-28	21	13.0	-15.494-	.235	99.2	2
3107	CZ 1711	7.8		22	24.20	+2.5119+	.0054	-33	27	45.5	-15.495-	.226	98.1	2
3108	CZ 1737	9.1		22	43.72	+2.4669+	.0058	-35	34	13.5	-15.513-	.221	97.2	2
3109	Lal 18639	4.9		22	43.75	+2.7321+	.0029	-21	54	18.4	-15.513-	.246	99.2	2
3110	CZ 1763	8.0		23	2.55	+2.5161+	.0054	-33	21	19.1	-15.530-	.225	98.2	2
3111	CZ 1766	8.5		23	4.97	+2.5090+	.0055	-33	41	35.1	-15.533-	.225	99.2	2
3112	CZ 1778	8.6		23	17.13	+2.6621+	.0039	-25	55	34.3	-15.544-	.238	97.2	2
3113	CZ 1792	8.0		23	17.55	+2.4491+	.0059	-36	26	39.1	-15.544-	.219	99.2	2
3114	Lal 18655	7.5		23	20.11	+2.7300+	.0029	-22	5	38.6	-15.547-	.245	99.2	2
3115	CZ 1802	7.0		23	29.30	+2.4914+	.0057	-34	34	18.5	-15.555-	.223	98.2	2
3116	CZ 1840	9.1		24	0.22	+2.5735+	.0050	-30	41	6.0	-15.584-	.229	97.2	2
3117	CZ 1847	7.8		24	4.93	+2.4955+	.0057	-34	28	5.6	-15.588-	.222	98.1	2
3118	CZ 1848	7.5		24	10.67	+2.6809+	.0037	-24	59	46.5	-15.593-	.239	99.2	2
3119	CZ 1849	8.1		24	14.10	+2.6645+	.0040	-25	54	41.2	-15.596-	.238	96.2	3
3120	CZ 1884	8.2		24	30.32	+2.3771+	.0064	-39	39	36.2	-15.611-	.211	97.2	3
3121	CZ 1885	8.2		24	34.62	+2.4816+	.0058	-35	10	35.5	-15.615-	.220	98.2	2
3122	CZ 1929	8.3		25	5.47	+2.5247+	.0056	-33	14	6.2	-15.643-	.224	97.7	2
3123	ε Antliae	4.6		25	7.08	+2.4760+	.0059	-35	30	50.2	-15.645-	.219	98.2	8
3124	CZ 1925	9.4		25	7.09	+2.6399+	.0044	-27	21	49.9	-15.645-	.234	96.2	2
3125	Pi 101	6.8		25	14.72	+2.6623+	.0041	-26	9	20.0	-15.652-	.236	96.2	2
3126	CZ 1949	7.8		25	16.59	+2.5178+	.0056	-33	35	27.7	-15.653-	.223	98.2	2
3127	GC 12933	6.5		25	17.79	+2.7197+	.0032	-22	54	25.2	-15.655-	.241	99.2	2
3128	Pi 105	5.7		25	28.21	+2.6629+	.0041	-26	9	5.3	-15.664-	.236	99.2	2
3129	CZ 1973	7.7		25	34.81	+2.6329+	.0045	-27	48	16.6	-15.670-	.233	99.2	2
3130	CZ 1986	7.8		25	42.21	+2.6266+	.0046	-28	9	18.4	-15.677-	.232	99.2	2
3131	GC 12949	7.0		25	43.76	+2.7045+	.0035	-23	50	9.0	-15.678-	.239	99.2	2
3132	CZ 1992	8.8		25	48.54	+2.6916+	.0037	-24	34	59.8	-15.682-	.238	96.7	2
3133	CZ 2016	7.2		26	5.19	+2.5707+	.0052	-31	6	42.3	-15.698-	.226	99.2	2
3134	CZ 2021	7.2		26	6.26	+2.5333+	.0056	-32	57	52.6	-15.699-	.223	96.2	2
3135	CZ 2029	8.9		26	9.32	+2.4541+	.0062	-36	38	56.0	-15.701-	.216	96.7	2
3136	CZ 2037	7.2		26	17.82	+2.6249+	.0046	-28	19	35.0	-15.709-	.231	99.2	2
3137	L 3880 <sup>1</sup>	7.2		26	28.78	+2.5651+	.0054	-31	27	2.5	-15.719-	.225	98.2	2
3138	L 3880 <sup>2</sup>	6.4		26	29.20	+2.5651+	.0054	-31	26	56.2	-15.719-	.225	98.2	2
3139	ψ Velorum	3.6		26	45.72	+2.3766+	.0066	-40	1	44.6	-15.734-	.208	98.2	8
3140	CZ 2074	7.8		26	49.34	+2.7056+	.0036	-23	54	10.4	-15.738-	.238	99.2	2
3141	CZ 2083	9.2		26	51.57	+2.6295+	.0047	-28	9	4.4	-15.740-	.231	96.2	2
3142	GC 12990	7.5		26	57.27	+2.7202+	.0034	-23	3	52.4	-15.745-	.239	99.2	2
3143	L 3884	6.0		27	15.52	+2.5676+	.0054	-31	25	51.2	-15.761-	.225	97.2	3
3144	CZ 2133	6.0		27	22.60	+2.4886+	.0061	-35	16	9.3	-15.768-	.217	97.2	2
3145	CZ 2136	7.8		27	23.94	+2.4659+	.0062	-36	18	35.4	-15.769-	.215	98.2	2
3146	CZ 2141	8.5		27	30.38	+2.5697+	.0054	-31	21	25.5	-15.775-	.224	96.2	2
3147	CZ 2145	8.7		27	35.57	+2.6382+	.0046	-27	46	48.0	-15.779-	.231	96.2	2
3148	CZ 2148	9.1		27	41.08	+2.6857+	.0040	-25	8	54.2	-15.784-	.235	96.3	2
3149	CZ 2162	8.0		27	44.02	+2.5616+	.0055	-31	48	14.7	-15.787-	.224	98.2	2
3150	CZ 2178	7.0	9	27	55.74	+2.6314+	.0047	-28	11	13.7	-15.797-	.230	96.2	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
3151	CZ 2197	7.4	9 28 15.69	+2.6545+.0045	-26 58 19.1	-15.815-.231	97.2	2
3152	CZ 2249	8.4	28 50.90	+2.5484+.0057	-32 37 30.8	-15.847-.221	98.2	2
3153	Paris 11778	5.8	28 52.97	+2.7348+.0033	-22 25 19.2	-15.849-.237	98.2	8
3154	CZ 2261	8.0	29 1.55	+2.4790+.0063	-35 57 40.4	-15.856-.214	96.2	2
3155	CZ 2271	7.0	29 5.99	+2.4177+.0067	-38 41 14.1	-15.860-.209	97.2	3
3156	CZ 2309	8.2	29 39.46	+2.5531+.0058	-32 30 28.7	-15.890-.220	98.2	2
3157	CZ 2307	8.6	29 39.77	+2.6152+.0051	-29 17 39.2	-15.890-.225	96.2	2
3158	CZ 2333	7.8	29 56.87	+2.7087+.0038	-24 5 29.2	-15.906-.234	96.2	2
3159	CPD-31° 2773	9.2	30 0.42	+2.5653+.0057	-31 56 46.0	-15.909-.221	96.2	1
3160	CZ 2346	9.4	30 4.52	+2.5618+.0057	-32 7 41.2	-15.912-.221	96.2	2
3161	CZ 2363	8.2	30 13.59	+2.4739+.0065	-36 23 1.3	-15.920-.213	96.3	2
3162	CZ 2401	7.5	30 44.13	+2.5277+.0061	-33 55 18.6	-15.947-.217	98.1	2
3163	CZ 2407	9.0	30 51.42	+2.5865+.0056	-30 58 43.0	-15.954-.221	96.6	2
3164	CZ 2420	7.2	31 2.28	+2.4983+.0064	-35 22 37.9	-15.963-.214	98.6	4
3165	CZ 2425	9.0	31 10.44	+2.6000+.0054	-30 19 8.8	-15.971-.222	96.7	2
3166	CZ 2455	7.4	31 36.97	+2.6605+.0047	-27 4 29.0	-15.994-.227	96.3	2
3167	A 7954	7.5	31 40.80	+2.7544+.0032	-21 32 57.9	-15.997-.235	99.2	2
3168	CZ 2461	8.1	31 41.27	+2.6880+.0043	-25 30 52.1	-15.998-.229	96.7	2
3169	CZ 2468	8.0	31 43.92	+2.5927+.0056	-30 47 6.3	-16.000-.221	99.2	2
3170	CZ 2470	8.5	31 44.49	+2.5927+.0056	-30 47 10.2	-16.001-.221	99.2	2
3171	CZ 2493	8.7	32 2.52	+2.4972+.0065	-35 35 10.4	-16.017-.212	99.2	2
3172	CZ 2488	6.5	32 3.33	+2.7103+.0040	-24 15 23.2	-16.017-.231	99.2	2
3173	CZ 2501	8.2	32 9.46	+2.5476+.0061	-33 9 14.3	-16.023-.216	97.2	2
3174	CZ 2508	8.2	32 14.74	+2.4922+.0066	-35 51 6.6	-16.027-.211	99.2	2
3175	CZ 2511	9.0	32 20.22	+2.5749+.0058	-31 47 44.8	-16.032-.218	96.2	2
3176	CZ 2515	8.1	32 25.17	+2.6741+.0046	-26 24 33.1	-16.036-.227	96.2	2
3177	CZ 2526	8.2	32 27.13	+2.5539+.0061	-32 53 12.0	-16.038-.216	98.2	2
3178	L 3928	5.9	32 30.35	+2.7012+.0042	-24 50 57.0	-16.041-.229	98.2	8
3179	CPD-31° 2794	8.5	32 44.78	+2.5830+.0058	-31 26 29.3	-16.053-.219	96.3	1
3180	L 3939	5.6	32 51.62	+2.5778+.0059	-31 43 44.9	-16.060-.218	98.2	8
3181	CZ 2552	7.8	32 52.34	+2.6150+.0054	-29 45 41.3	-16.060-.221	99.2	2
3182	CZ 2561	7.7	32 56.59	+2.6010+.0056	-30 31 14.9	-16.064-.220	99.2	2
3183	CZ 2563	8.8	32 59.65	+2.5781+.0059	-31 43 47.2	-16.066-.218	98.2	2
3184	CZ 2574	9.1	33 3.56	+2.5566+.0061	-32 50 38.9	-16.070-.216	96.2	2
3185	CZ 2575	7.8	33 6.54	+2.6232+.0053	-29 21 9.6	-16.072-.222	99.2	2
3186	CZ 2588	6.2	33 18.32	+2.5001+.0067	-35 38 46.4	-16.083-.211	98.2	2
3187	CZ 2594	7.5	33 25.56	+2.6078+.0056	-30 13 44.0	-16.089-.220	96.2	2
3188	CZ 2611	8.6	33 42.53	+2.6855+.0045	-25 55 22.6	-16.104-.226	96.2	2
3189	CZ 2621	8.1	33 47.85	+2.4840+.0068	-36 28 40.1	-16.108-.209	97.2	2
3190	CZ 2624	8.4	33 50.16	+2.5232+.0065	-34 37 28.4	-16.110-.212	98.2	2
3191	CZ 2636	8.8	34 4.32	+2.5166+.0066	-34 58 45.4	-16.123-.211	97.2	2
3192	A 8000	7.8	34 31.72	+2.7420+.0037	-22 38 36.9	-16.146-.230	99.1	2
3193	CZ 2718	8.6	35 27.75	+2.5709+.0062	-32 28 47.6	-16.195-.214	99.2	1
3194	CZ 2728	8.0	35 34.32	+2.5714+.0062	-32 28 8.3	-16.200-.214	99.2	2
3195	CZ 2735	8.9	35 38.34	+2.5833+.0061	-31 51 45.9	-16.204-.215	96.2	2
3196	CZ 2737	8.1	35 40.35	+2.6173+.0057	-30 2 50.6	-16.206-.218	96.8	3
3197	CZ 2761	7.7	35 55.71	+2.6102+.0058	-30 28 6.5	-16.219-.217	96.5	3
3198	CZ 2770	9.2	36 4.76	+2.6357+.0055	-29 5 31.5	-16.227-.219	96.2	2
3199	CZ 2789	8.2	36 24.01	+2.7287+.0041	-23 41 50.3	-16.243-.226	96.2	2
3200	CZ 2797-9	8.4	9 36 27.09	+2.5846+.0062	-31 54 55.9	-16.246-.214	97.2	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
3201	CZ 2813	8.0	9 36 34.24	+2.4889+.0071	-36 42 17.3	-16.252-.206	96.2	2
3202	Lal 19034	4.7	36 43.21	+2.7384+.0039	-23 8 13.0	-16.259-.227	99.2	2
3203	CZ 2826	8.2	36 54.04	+2.5757+.0063	-32 27 26.2	-16.269-.212	98.1	2
3204	CZ 2841	7.6	36 59.48	+2.5140+.0070	-35 34 33.2	-16.273-.207	96.7	2
3205	CZ 2840	8.5	36 59.81	+2.5253+.0069	-35 1 40.3	-16.274-.208	96.2	2
3206	CZ 2845	7.2	37 7.86	+2.5670+.0064	-32 56 28.8	-16.280-.212	98.2	2
3207	CZ 2863	9.0	37 28.01	+2.6297+.0057	-29 37 56.7	-16.298-.216	96.2	2
3208	CZ 2865	7.0	37 29.62	+2.6259+.0058	-29 50 52.8	-16.299-.216	99.2	2
3209	CZ 2870	8.2	37 30.42	+2.5912+.0062	-31 44 10.0	-16.300-.213	98.2	3
3210	Lal 19093	5.0	37 43.70	+2.7351+.0041	-23 28 1.3	-16.311-.225	96.4	4
3211	CZ 2894	8.3	37 51.96	+2.4952+.0072	-36 37 36.3	-16.318-.204	98.2	2
3212	CZ 2901	8.7	37 59.21	+2.4889+.0073	-36 56 31.4	-16.324-.204	97.1	2
3213	CZ 2919	7.9	38 16.42	+2.5276+.0070	-35 7 16.9	-16.339-.207	98.2	2
3214	L 3983	6.7	38 28.24	+2.5298+.0070	-35 2 41.6	-16.349-.207	98.2	8
3215	CZ 2943	7.6	38 34.40	+2.5714+.0066	-32 56 39.7	-16.354-.210	98.2	2
3216	CZ 2948	8.6	38 38.62	+2.5810+.0065	-32 27 12.6	-16.357-.211	96.3	2
3217	CZ 2957	8.4	38 48.53	+2.5010+.0073	-36 30 29.7	-16.366-.204	98.2	2
3218	CZ 2967	8.5	39 1.30	+2.5286+.0071	-35 11 46.4	-16.376-.206	98.3	2
3219	CZ 2996	8.2	39 40.04	+2.7222+.0045	-24 31 28.2	-16.409-.221	96.7	2
3220	$\theta$ Antliae	5.0	39 44.63	+2.6761+.0053	-27 18 42.3	-16.413-.217	98.2	8
3221	CZ 3012	8.8	39 46.21	+2.5424+.0070	-34 37 46.4	-16.414-.206	97.2	2
3222	GC 13272	7.5	40 0.85	+2.7584+.0039	-22 17 34.4	-16.426-.224	99.2	2
3223	CZ 3028	8.3	40 0.89	+2.5674+.0068	-33 23 23.2	-16.426-.208	98.3	2
3224	CZ 3037	8.4	40 8.93	+2.6919+.0051	-26 25 46.0	-16.433-.218	96.7	2
3225	CZ 3050	7.8	40 19.58	+2.6800+.0053	-27 10 13.4	-16.442-.217	99.2	2
3226	CZ 3066	8.6	40 29.47	+2.6982+.0050	-26 6 10.5	-16.450-.218	96.7	2
3227	CZ 3076	9.2	40 35.36	+2.5992+.0065	-31 47 34.0	-16.455-.210	96.7	2
3228	CZ 3089	8.5	40 42.42	+2.4953+.0076	-37 6 6.4	-16.461-.201	99.2	2
3229	CZ 3103	7.0	40 58.10	+2.6373+.0060	-29 44 31.4	-16.474-.212	99.2	2
3230	CZ 3115	6.5	41 5.81	+2.5928+.0066	-32 13 15.9	-16.481-.208	97.5	3
3231	CZ 3117	8.6	41 6.75	+2.5718+.0069	-33 20 12.3	-16.481-.206	99.2	2
3232	CZ 3132	8.0	41 19.86	+2.4940+.0077	-37 16 24.7	-16.492-.200	98.2	2
3233	CZ 3144	8.0	41 28.13	+2.4929+.0077	-37 21 5.4	-16.499-.200	98.2	2
3234	CZ 3140	8.0	41 29.69	+2.7055+.0050	-25 47 55.7	-16.500-.217	96.8	2
3235	CZ 3153	10.0	41 38.07	+2.5945+.0067	-32 12 47.0	-16.507-.208	96.3	2
3236	A 8101	7.8	41 41.17	+2.7632+.0039	-22 11 28.2	-16.510-.222	99.2	2
3237	CZ 3158	9.1	41 43.41	+2.6675+.0056	-28 6 38.7	-16.512-.214	96.2	2
3238	CZ 3172	6.6	41 46.22	+2.5338+.0074	-35 23 58.4	-16.514-.202	98.3	2
3239	CZ 3175	7.2	41 52.81	+2.6898+.0053	-26 48 45.1	-16.520-.215	99.2	2
3240	CZ 3184	7.5	41 57.92	+2.5800+.0069	-33 2 47.6	-16.524-.206	98.2	2
3241	CZ 3200	9.0	42 8.94	+2.6199+.0064	-30 53 47.3	-16.533-.209	96.2	2
3242	CZ 3226	8.6	42 34.54	+2.7243+.0048	-24 47 15.5	-16.554-.217	96.2	1
3243	CZ 3237	6.8	42 41.61	+2.6232+.0064	-30 48 19.4	-16.560-.209	96.2	2
3244	L 4016	7.8	42 42.20	+2.4653+.0081	-38 51 37.9	-16.560-.196	98.2	9
3245	CZ 3278	6.8	43 16.85	+2.5891+.0069	-32 46 44.5	-16.589-.205	98.1	2
3246	CZ 3283	8.0	43 18.10	+2.5015+.0079	-37 15 37.2	-16.590-.198	98.2	2
3247	CZ 3308	8.2	43 44.65	+2.7276+.0048	-24 44 38.3	-16.611-.216	96.2	2
3248	CZ 3323	8.2	43 51.81	+2.4901+.0080	-37 54 13.3	-16.617-.196	96.6	3
3249	Lal 19275	7.8	44 11.68	+2.7778+.0039	-21 33 13.5	-16.633-.219	99.1	2
3250	CZ 3337	7.1	9 44 12.81	+2.7094+.0052	-25 57 1.3	-16.634-.213	97.8	5



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
3251	CZ 3344	7.4	9 44 17.08	+2.5070+.0080	-37 10 15.4	-16.638-.197	98.2	2
3252	GC 13378	8.3	44 29.11	+2.5595+.0074	-34 33 18.1	-16.648-.201	99.2	2
3253	GC 13379	8.3	44 29.35	+2.5595+.0074	-34 33 20.9	-16.648-.201	99.2	2
3254	CZ 3363	8.6	44 36.85	+2.7293+.0049	-24 45 39.9	-16.654-.214	96.2	2
3255	CZ 3367	7.8	44 39.98	+2.7385+.0047	-24 10 45.1	-16.656-.215	99.2	2
3256	CZ 3389	9.1	44 58.13	+2.5629+.0075	-34 27 46.5	-16.671-.200	97.2	2
3257	CZ 3404	8.5	45 7.74	+2.5919+.0071	-32 56 30.1	-16.679-.203	97.2	2
3258	CZ 3412	9.1	45 9.80	+2.5362+.0078	-35 52 15.8	-16.681-.198	96.2	2
3259	CZ 3422	9.0	45 14.91	+2.4958+.0082	-37 53 3.7	-16.685-.195	96.2	2
3260	CZ 3425	6.0	45 16.38	+2.5197+.0080	-36 43 14.5	-16.686-.196	98.1	2
3261	CZ 3450	6.5	45 37.22	+2.5392+.0078	-35 48 6.3	-16.703-.198	98.2	2
3262	CZ 3462	8.8	45 48.17	+2.7002+.0055	-26 45 18.2	-16.712-.210	96.2	2
3263	CZ 3466	8.6	45 49.56	+2.6306+.0067	-30 53 54.6	-16.713-.205	96.2	2
3264	CZ 3480	9.1	45 59.35	+2.5816+.0074	-33 38 51.4	-16.721-.201	96.7	2
3265	CZ 3497	8.9	46 15.08	+2.7156+.0053	-25 51 55.9	-16.734-.211	96.2	2
3266	CZ 3508	7.8	46 17.33	+2.5416+.0079	-35 47 42.1	-16.735-.197	96.6	3
3267	GC 13420	7.0	46 26.71	+2.7673+.0043	-22 32 57.0	-16.743-.215	99.2	2
3268	CZ 3526	9.2	46 32.84	+2.5970+.0072	-32 54 21.9	-16.747-.201	96.7	2
3269	L 4046	7.6	46 40.40	+2.6306+.0068	-31 2 30.6	-16.754-.204	98.2	8
3270	CZ 3587	8.9	47 27.18	+2.5649+.0078	-34 47 43.3	-16.791-.197	96.3	2
3271	CZ 3598	7.5	47 34.60	+2.6074+.0072	-32 30 37.0	-16.797-.200	98.2	2
3272	CZ 3605	9.0	47 42.55	+2.7126+.0055	-26 16 16.1	-16.803-.209	96.2	2
3273	CZ 3608	8.7	47 43.80	+2.7127+.0055	-26 15 52.6	-16.804-.209	96.2	3, 2
3274	CZ 3667	6.8	48 29.40	+2.7051+.0058	-26 51 51.6	-16.840-.207	96.2	2
3275	CZ 3699	8.8	48 47.45	+2.5562+.0080	-35 29 52.6	-16.855-.195	96.6	2
3276	CZ 3701	8.0	48 55.53	+2.7560+.0048	-23 38 14.4	-16.861-.210	96.2	2
3277	CZ 3714	9.0	49 4.25	+2.5916+.0076	-33 38 54.0	-16.868-.197	96.7	2
3278	CZ 3712	9.0	49 4.73	+2.6837+.0062	-28 17 17.4	-16.868-.204	96.3	2
3279	CZ 3729	8.1	49 18.06	+2.6282+.0071	-31 37 48.5	-16.879-.200	97.2	2
3280	CZ 3749	7.9	49 32.76	+2.7368+.0053	-24 59 50.3	-16.890-.208	99.1	2
3281	CZ 3755	7.8	49 34.35	+2.6091+.0074	-32 45 50.7	-16.892-.198	98.2	2
3282	CZ 3753	8.2	49 35.21	+2.6973+.0060	-27 31 36.0	-16.892-.205	96.3	2
3283	L 4059	5.0	49 40.44	+2.7299+.0054	-25 27 42.7	-16.896-.207	98.2	8
3284	GC 13500	6.8	49 53.61	+2.7821+.0044	-22 0 53.1	-16.907-.211	99.2	2
3285	CZ 3797	8.0	50 14.15	+2.5811+.0079	-34 26 4.6	-16.923-.195	98.2	2
3286	CZ 3801	8.0	50 15.08	+2.5360+.0084	-36 48 59.8	-16.924-.191	98.2	3
3287	CZ 3810	8.2	50 26.62	+2.7684+.0047	-23 1 23.8	-16.933-.210	99.2	2
3288	CZ 3825	8.7	50 35.83	+2.5690+.0081	-35 9 15.6	-16.940-.193	98.3	1
3289	CZ 3830	8.6	50 40.12	+2.5692+.0082	-35 9 25.5	-16.943-.193	98.2	2
3290	CZ 3834	8.3	50 40.66	+2.5366+.0085	-36 52 0.9	-16.944-.190	98.3	2
3291	CZ 3839	7.2	50 50.14	+2.6051+.0077	-33 13 2.5	-16.951-.196	97.2	2
3292	CZ 3840	8.0	50 50.78	+2.6109+.0076	-32 53 21.3	-16.951-.196	98.2	2
3293	CZ 3895	8.8	51 35.47	+2.7194+.0058	-26 26 27.6	-16.986-.204	96.2	2
3294	CZ 3899	9.1	51 37.07	+2.7175+.0059	-26 34 16.5	-16.987-.203	97.1	2
3295	CZ 3903	8.2	51 40.02	+2.7476+.0053	-24 36 19.5	-16.990-.206	96.2	2
3296	CZ 3915	7.0	51 49.98	+2.6530+.0071	-30 37 0.2	-16.997-.198	97.2	2
3297	L 4077	5.9	52 13.44	+2.6144+.0077	-32 56 37.4	-17.015-.194	98.2	8
3298	CZ 3946	6.8	52 14.49	+2.7266+.0058	-26 4 30.2	-17.016-.203	99.2	2
3299	CZ 3953	6.6	52 23.09	+2.7127+.0061	-27 0 0.8	-17.023-.202	99.2	2
3300	CZ 3981	8.0	9 52 39.57	+2.5907+.0081	-34 21 1.0	-17.036-.192	96.2	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
3301	CZ 3999	8.2	9	52	53.14	+2.7183+	.0060	-26	43	14.9	-17.046-	.202	96.2	2
3302	CZ 3998	8.6		52	53.27	+2.7273+	.0058	-26	8	3.4	-17.046-	.202	96.2	2
3303	CZ 4004	7.2		52	53.52	+2.6263+	.0076	-32	22	53.3	-17.046-	.194	98.2	2
3304	CZ 4035	9.0		53	27.58	+2.6043+	.0081	-33	44	21.3	-17.072-	.192	96.3	2
3305	CZ 4047	6.8		53	38.73	+2.7513+	.0054	-24	39	14.0	-17.081-	.203	96.7	2
3306	CZ 4064	8.9		53	51.50	+2.6938+	.0066	-28	26	52.2	-17.091-	.198	96.7	2
3307	L 4089	7.2		54	14.50	+2.6890+	.0068	-28	49	36.2	-17.108-	.197	98.2	8
3308	CZ 4106	8.2		54	21.28	+2.6170+	.0080	-33	11	22.3	-17.113-	.192	98.3	2
3309	CZ 4110	6.8		54	29.20	+2.7704+	.0051	-23	28	20.9	-17.119-	.203	99.2	2
3310	$\eta$ Antliae	5.2		54	34.82	+2.5782+	.0086	-35	24	44.2	-17.124-	.188	98.2	8
3311	CZ 4193	8.0		55	31.88	+2.6396+	.0078	-32	4	58.9	-17.167-	.192	98.2	2
3312	CZ 4215	7.0		55	49.41	+2.5797+	.0087	-35	33	54.5	-17.180-	.186	97.2	2
3313	CZ 4220	8.2		55	54.20	+2.5932+	.0086	-34	50	2.7	-17.184-	.187	98.1	2
3314	CZ 4222	9.3		55	57.42	+2.6726+	.0073	-30	9	1.4	-17.186-	.193	96.2	2
3315	CZ 4226	8.4		56	3.14	+2.7269+	.0062	-26	40	31.6	-17.190-	.197	96.2	2
3316	A 8277	8.0		56	32.19	+2.7863+	.0050	-22	39	58.7	-17.212-	.201	99.1	2
3317	A 8278	8.0		56	36.57	+2.7918+	.0048	-22	17	4.3	-17.215-	.201	99.2	2
3318	CZ 4296	8.8		57	5.95	+2.7812+	.0052	-23	6	33.9	-17.237-	.200	96.2	2
3319	CZ 4298	7.0		57	6.53	+2.7783+	.0052	-23	19	30.6	-17.238-	.200	99.2	2
3320	CZ 4322	8.0		57	20.90	+2.7072+	.0068	-28	11	43.2	-17.248-	.194	96.2	3
3321	CZ 4326	8.6		57	21.78	+2.7073+	.0068	-28	11	25.3	-17.249-	.194	{96.5} {96.7}	4, 2
3322	CZ 4334	8.2		57	26.54	+2.6131+	.0085	-34	0	26.0	-17.253-	.187	98.2	2
3323	CZ 4345	8.0		57	38.58	+2.6192+	.0084	-33	41	31.8	-17.262-	.187	98.1	2
3324	CZ 4354	9.1		57	47.73	+2.6672+	.0076	-30	49	42.4	-17.268-	.190	96.2	2
3325	CZ 4386	9.4		58	6.31	+2.5300+	.0097	-38	40	34.4	-17.282-	.180	97.2	3
3326	A 8297	8.0		58	7.16	+2.8041+	.0047	-21	37	3.7	-17.283-	.200	99.2	3
3327	CZ 4395	8.8		58	16.98	+2.7346+	.0064	-26	32	7.5	-17.290-	.195	96.6	2
3328	CZ 4403	7.0		58	21.05	+2.6805+	.0075	-30	5	43.0	-17.293-	.190	99.2	2
3329	CZ 4448	7.2		58	59.42	+2.6394+	.0083	-32	45	16.5	-17.321-	.187	98.2	2
3330	CZ 4452	6.9		59	5.33	+2.7613+	.0058	-24	49	58.0	-17.326-	.195	99.2	2
3331	CZ 4453	8.0		59	5.94	+2.7382+	.0064	-26	25	33.0	-17.326-	.193	96.2	2
3332	CZ 4459	8.8		59	7.77	+2.5682+	.0094	-36	51	45.7	-17.327-	.181	99.2	2
3333	CZ 4457	8.2		59	8.24	+2.7065+	.0070	-28	33	36.8	-17.328-	.191	96.2	2
3334	CZ 4477	8.6		59	33.31	+2.6137+	.0088	-34	23	18.2	-17.346-	.184	98.2	2
3335	L 4126	5.8		59	43.82	+2.7773+	.0056	-23	48	5.8	-17.354-	.196	98.2	8
3336	CZ 4497	8.3	9	59	45.96	+2.7184+	.0069	-27	53	36.8	-17.355-	.191	96.2	2
3337	CZ 4517	9.0	10	0	2.54	+2.7817+	.0055	-23	32	9.3	-17.367-	.195	96.2	2
3338	L 4135	6.5		0	10.97	+2.5227+	.0102	-39	29	27.6	-17.374-	.176	98.2	8
3339	CZ 4544	7.4		0	16.65	+2.7225+	.0068	-27	42	13.9	-17.378-	.191	99.1	2
3340	CZ 4551	8.7		0	20.85	+2.6212+	.0088	-34	6	37.6	-17.381-	.184	97.2	1, 2
3341	CZ 4560	8.8		0	33.93	+2.6124+	.0090	-34	39	56.4	-17.390-	.183	96.7	2
3342	CZ 4570	7.4		0	39.54	+2.7234+	.0069	-27	42	40.8	-17.394-	.190	99.1	2
3343	CZ 4585	8.5		0	49.10	+2.5868+	.0094	-36	11	0.6	-17.401-	.181	98.2	2
3344	CZ 4587	9.1		0	53.15	+2.7312+	.0068	-27	13	7.4	-17.404-	.190	96.7	2
3345	CZ 4597	7.2		0	55.63	+2.5923+	.0093	-35	53	53.6	-17.406-	.181	98.2	2
3346	CZ 4607	7.0	1	4	4.37	+2.6188+	.0090	-34	23	47.6	-17.412-	.182	96.7	2
3347	CZ 4	8.0	1	8	8.83	+2.6440+	.0085	-32	54	19.5	-17.416-	.184	98.3	2
3348	L 4143	6.7	1	16	7.77	+2.6843+	.0078	-30	24	17.0	-17.421-	.187	98.2	8
3349	CZ 27	8.6	1	26	5.7	+2.6044+	.0092	-35	18	38.4	-17.428-	.180	96.2	2
3350	CZ 31	7.7	10	1	34.19	+2.7121+	.0073	-28	37	59.4	-17.434-	.188	99.2	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
3351	CZ 54	8.0	10 1 52.46	+2.5958+.0094	-35 53 55.0	-17.447-.179	98.2	2
3352	A 8348	8.1	2 0.52	+2.7980+.0053	-22 39 8.2	-17.453-.193	99.2	2
3353	Anon	9.3	2 0.52	+2.7981+.0053	-22 38 58.8	-17.453-.193	99.2	2
3354	CZ 71	8.7	2 11.29	+2.6176+.0092	-34 41 35.8	-17.461-.180	96.7	2
3355	CZ 68*	7.7	2 12.80	+2.7770+.0059	-24 13 37.4	-17.462-.192	99.2	2
3356	CZ 114	8.9	2 50.07	+2.6251+.0091	-34 23 23.7	-17.488-.180	98.2	2
3357	A 8358	7.0	2 51.07	+2.8085+.0051	-22 0 4.2	-17.489-.193	99.1	2
3358	CZ 117	8.9	2 55.88	+2.7448+.0068	-26 38 48.4	-17.492-.188	97.1	2
3359	CZ 140	8.6	3 10.81	+2.5809+.0099	-37 0 56.0	-17.503-.176	98.2	2
3360	CZ 149	8.4	3 24.34	+2.7763+.0060	-24 28 29.5	-17.513-.190	96.2	2
3361	CZ 168	7.8	3 34.37	+2.6732+.0084	-31 34 11.8	-17.520-.182	98.2	2
3362	CZ 179	6.8	3 42.81	+2.5860+.0099	-36 50 40.3	-17.526-.176	98.2	2
3363	CZ 205	7.0	4 0.24	+2.6269+.0093	-34 31 26.4	-17.538-.178	98.2	2
3364	CZ 207	7.5	4 4.63	+2.7775+.0061	-24 29 51.1	-17.541-.189	96.2	2
3365	CZ 208	8.8	4 4.75	+2.7680+.0063	-25 11 22.0	-17.541-.188	97.2	2
3366	CZ 209	8.8	4 5.21	+2.7687+.0063	-25 8 36.3	-17.542-.188	97.3	2
3367	CZ 226	8.4	4 20.32	+2.7772+.0061	-24 34 12.5	-17.552-.188	96.2	2
3368	CZ 232	8.2	4 27.79	+2.7976+.0056	-23 4 32.1	-17.558-.189	99.2	2
3369	CZ 245*	9.2	4 33.03	+2.6380+.0092	-33 57 59.8	-17.561-.178	96.7	2
3370	CZ 247	9.0	4 33.37	+2.6303+.0093	-34 26 19.0	-17.561-.178	96.7	2
3371	CZ 254	8.7	4 42.07	+2.6624+.0088	-32 28 55.6	-17.568-.180	97.2	2
3372	CZ 266	9.0	4 53.14	+2.7810+.0061	-24 22 55.2	-17.575-.188	96.7	2
3373	CZ 285	7.8	5 6.34	+2.6657+.0088	-32 21 24.1	-17.585-.179	98.2	2
3374	L 4167	6.7	5 13.26	+2.6172+.0096	-35 21 58.5	-17.589-.176	98.2	8
3375	R Antliae	7.8	5 26.47	+2.5856+.0102	-37 14 27.2	-17.599-.173	99.2	2
3376	Yarn 4330	8.4	5 31.48	+2.6028+.0099	-36 16 23.2	-17.602-.174	99.2	2
3377	CZ 335	9.0	5 38.31	+2.7663+.0066	-25 35 24.2	-17.607-.185	96.2	2
3378	CZ 364	8.6	6 1.34	+2.6573+.0091	-33 4 32.3	-17.623-.177	97.2	2
3379	CZ 383	8.2	6 17.09	+2.6086+.0100	-36 6 10.6	-17.634-.173	98.2	2
3380	Anon	8.8	6 17.36	+2.6086+.0100	-36 6 14.4	-17.634-.173	98.2	1
3381	CZ 397	8.8	6 27.00	+2.6521+.0092	-33 29 54.7	-17.641-.176	98.2	2
3382	CZ 399	8.6	6 27.32	+2.6389+.0095	-34 18 54.3	-17.641-.175	98.2	2
3383	CZ 415	8.3	6 43.35	+2.6724+.0089	-32 15 41.7	-17.652-.177	98.3	2
3384	CZ 434	8.2	6 59.93	+2.6412+.0095	-34 17 49.1	-17.664-.175	98.2	2
3385	CZ 438	8.5	7 1.27	+2.6350+.0096	-34 40 52.7	-17.665-.174	98.2	2
3386	CZ 450	9.2	7 8.70	+2.6896+.0086	-31 13 19.8	-17.670-.178	96.7	2
3387	CZ 458	8.7	7 9.91	+2.6085+.0101	-36 18 20.4	-17.671-.172	96.2	2
3388	L 4185	6.9	7 22.83	+2.6498+.0094	-33 50 21.8	-17.679-.175	97.8	10
3389	CZ 477	6.6	7 29.19	+2.7360+.0076	-28 6 44.7	-17.684-.180	99.2	2
3390	CZ 481	6.5	7 29.97	+2.6342+.0097	-34 49 51.7	-17.684-.173	98.2	2
3391	CZ 483	8.6	7 35.96	+2.7868+.0063	-24 25 8.8	-17.688-.184	96.2	2
3392	CZ 494	7.5	7 41.24	+2.5540+.0111	-39 30 4.8	-17.692-.168	97.2	2
3393	CZ 490	8.5	7 41.80	+2.6760+.0090	-32 14 14.2	-17.692-.176	98.3	2
3394	CZ 503	8.2	7 49.09	+2.6580+.0093	-33 25 4.2	-17.697-.175	98.2	2
3395	CZ 506	8.5	7 52.57	+2.6774+.0090	-32 10 48.8	-17.700-.176	98.3	2
3396	CZ 510	7.2	7 58.38	+2.6775+.0090	-32 11 43.6	-17.704-.176	98.3	2
3397	CZ 529	9.5	8 15.15	+2.6220+.0101	-35 44 15.2	-17.715-.171	96.2	2
3398	CZ 525*	7.5	8 15.20	+2.7255+.0079	-29 0 18.1	-17.715-.178	99.2	2
3399	CZ 531	8.8	8 18.86	+2.7396+.0076	-28 1 5.2	-17.718-.179	96.2	2
3400	CZ 538	8.0	10 8 22.02	+2.6814+.0090	-32 1 15.5	-17.720-.175	98.2	2

3355 Mean, 1°.5.

3369 33°17, 32°90.

3398 16°1, 20°1.



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
3401	L 4193	6.4	10	8	43.38	+2.7612+	.0071	-26	32	6.1	-17.735-	.180	98.2	8
3402	CZ 581	8.4		8	59.71	+2.6980+	.0087	-31	2	32.5	-17.746-	.176	96.2	2
3403	L 4196	6.8		8	59.75	+2.6756+	.0092	-32	32	18.2	-17.746-	.174	98.2	2
3404	CZ 609	6.8		9	28.30	+2.8053+	.0061	-23	19	6.5	-17.765-	.182	96.2	2
3405	CZ 661	8.7	10	0	9.93	+2.6444+	.0100	-34	45	31.2	-17.787-	.170	96.2	2
3406	CZ 670	9.8	10	8	2.23	+2.6884+	.0091	-31	56	3.9	-17.792-	.173	97.2	2
3407	CZ 681	9.0	10	16	6.68	+2.7408+	.0079	-28	19	25.7	-17.798-	.177	96.2	2
3408	CZ 686	9.1	10	17	6.62	+2.6228+	.0104	-36	9	8.8	-17.798-	.169	96.3	2
3409	CZ 698	8.8	10	29	9.2	+2.6511+	.0099	-34	26	53.7	-17.807-	.170	97.2	2
3410	CZ 702	8.6	10	36	1.17	+2.6754+	.0094	-32	54	7.1	-17.811-	.172	99.2	2
3411	CZ 723	6.2	10	57	9.1	+2.6274+	.0105	-36	1	16.0	-17.825-	.168	96.2	2
3412	CZ 735	8.0	11	9	4.3	+2.6449+	.0102	-34	58	57.8	-17.833-	.169	97.2	2
3413	CZ 736	8.7	11	11	6.7	+2.7057+	.0089	-30	59	0.6	-17.834-	.173	96.7	2
3414	CZ 750	7.8	11	20	7.7	+2.6961+	.0091	-31	40	43.2	-17.840-	.172	98.2	2
3415	CZ 762	8.0	11	30	7.2	+2.7470+	.0079	-28	7	4.2	-17.847-	.175	96.2	2
3416	CZ 783	7.8	11	44	3.1	+2.7427+	.0081	-28	28	47.6	-17.856-	.174	99.2	1
3417	CZ 809	7.6	11	59	2.7	+2.6250+	.0107	-36	24	39.8	-17.866-	.166	98.2	2
3418	CZ 815	9.1	12	6	4.4	+2.7169+	.0088	-30	24	12.7	-17.871-	.172	96.2	2
3419	CPD-32° 2855	8.3	12	16	4.7	+2.6861+	.0095	-32	33	45.4	-17.877-	.170	99.2	2
3420	CZ 837	7.9	12	24	4.0	+2.6705+	.0099	-33	37	43.2	-17.883-	.168	98.2	2
3421	CZ 843	8.2	12	27	3.2	+2.7178+	.0088	-30	25	23.7	-17.885-	.171	97.2	2
3422	CZ 856	8.3	12	38	1.3	+2.7736+	.0074	-26	21	50.8	-17.892-	.175	96.3	2
3423	CZ 855	8.3	12	38	3.0	+2.7966+	.0067	-24	34	47.4	-17.892-	.176	96.6	3
3424	CZ 870	7.2	12	52	1.6	+2.8124+	.0063	-23	22	35.8	-17.901-	.177	99.2	2
3425	CZ 885	8.4	12	56	4.8	+2.6680+	.0100	-33	54	57.0	-17.904-	.168	98.2	2
3426	CZ 902	9.0	13	13	8.9	+2.7927+	.0069	-24	59	42.4	-17.915-	.175	96.2	2
3427	Pi 39	5.6	13	32	5.4	+2.7477+	.0082	-28	29	31.3	-17.927-	.172	98.2	9
3428	CZ 919	9.0	13	38	4.6	+2.8159+	.0063	-23	13	43.2	-17.931-	.176	96.2	2
3429	A 8483	7.5	14	7	5.4	+2.8237+	.0062	-22	40	49.4	-17.950-	.176	99.2	2
3430	CZ 956	7.5	14	7	7.3	+2.6998+	.0095	-32	2	17.6	-17.950-	.168	97.2	2
3431	CZ 963	8.1	14	9	4.8	+2.6516+	.0106	-35	15	41.0	-17.951-	.164	98.2	2
3432	CZ 971	6.0	14	14	0.8	+2.6354+	.0109	-36	18	14.9	-17.954-	.163	98.2	2
3433	CZ 970	8.6	14	16	9.2	+2.7572+	.0081	-27	56	12.6	-17.956-	.171	96.7	2
3434	CZ 982	8.8	14	23	4.0	+2.6904+	.0098	-32	44	41.8	-17.960-	.167	96.6	2
3435	CZ 981	9.3	14	23	4.6	+2.6908+	.0098	-32	43	9.6	-17.961-	.167	97.1	1
3436	CZ 989	9.1	14	27	1.7	+2.6911+	.0098	-32	42	48.5	-17.963-	.167	96.7	2
3437	CZ 991	8.8	14	31	6.7	+2.7508+	.0083	-28	27	31.4	-17.966-	.170	96.2	2
3438	CZ 1000	7.2	14	43	5.5	+2.6712+	.0103	-34	6	56.6	-17.974-	.165	98.2	2
3439	CZ 999	8.8	14	44	1.2	+2.7990+	.0070	-24	47	8.9	-17.974-	.173	96.7	2
3440	GC 14080	7.4	15	5	8.0	+2.8284+	.0061	-22	28	8.0	-17.988-	.174	99.2	2
3441	CZ 1045	9.1	15	29	0.2	+2.8197+	.0064	-23	15	23.2	-18.003-	.173	96.7	2
3442	GC 14087	7.2	15	30	1.9	+2.8277+	.0062	-22	36	1.9	-18.004-	.174	99.2	2
3443	CZ 1059	8.4	15	33	8.8	+2.7175+	.0093	-31	6	47.4	-18.006-	.166	96.3	2
3444	CZ 1065	7.8	15	40	0.0	+2.7184+	.0093	-31	4	50.8	-18.010-	.166	96.2	2
3445	CZ 1070*	7.8	15	43	7.6	+2.6967+	.0098	-32	37	34.6	-18.012-	.165	98.2	2
3446	CZ 1087	8.3	15	56	1.5	+2.6513+	.0109	-35	42	1.9	-18.020-	.162	96.8	2
3447	CZ 1093	7.7	16	3	1.8	+2.7164+	.0094	-31	18	42.4	-18.025-	.166	98.2	2
3448	CZ 1112	8.6	16	19	4.7	+2.6914+	.0101	-33	7	39.9	-18.035-	.164	96.2	2
3449	CZ 1137	7.5	16	41	0.3	+2.8027+	.0071	-24	52	9.9	-18.049-	.170	96.7	2
3450	Paris 12690	6.6	10	16	46.41	+2.8232+	.0065	-23	12	27.6	-18.052-	.171	98.2	8



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
3451	CZ 1151	8.9	10 16 51.24	+2.6404+.0113	-36 37 43.8	-18.055-.160	96.8	2
3452	GC 14126	6.8	16 52.20	+2.8375+.0061	-22 1 29.6	-18.056-.172	99.2	2
3453	CZ 1160	8.2	16 57.79	+2.7449+.0089	-29 26 3.9	-18.060-.166	99.2	2
3454	CZ 1194	9.0	17 23.42	+2.7362+.0092	-30 10 48.8	-18.076-.165	96.6	2
3455	Yarn 4410	8.4	17 34.35	+2.6573+.0111	-35 43 9.9	-18.083-.160	99.2	2
3456	CZ 1223	8.8	17 46.01	+2.7136+.0098	-31 54 40.1	-18.090-.163	96.3	1
3457	CZ 1220	8.0	17 46.45	+2.7524+.0088	-29 3 10.5	-18.090-.165	99.3	2
3458	CZ 1242	9.4	17 59.34	+2.7385+.0092	-30 8 33.5	-18.098-.164	97.9	3
3459	CZ 1243	8.4	17 59.94	+2.7383+.0092	-30 9 8.0	-18.099-.164	96.7	2
3460	CZ 1245	9.0	18 1.41	+2.7916+.0077	-26 2 13.0	-18.100-.167	96.7	2
3461	L 4271	5.0	18 2.21	+2.5700+.0129	-41 8 48.1	-18.100-.154	98.2	8
3462	CZ 1247	9.2	18 4.02	+2.7151+.0098	-31 52 14.6	-18.101-.162	96.3	1
3463	CPD-30°3110	9.5	18 4.42	+2.7389+.0092	-30 7 34.8	-18.101-.164	96.6	3
3464	CZ 1264	7.0	18 16.87	+2.8192+.0069	-23 49 39.6	-18.109-.169	99.2	2
3465	CZ 1286	8.3	18 35.44	+2.7143+.0099	-32 3 4.9	-18.121-.162	98.2	2
3466	CZ 1287	6.6	18 38.00	+2.7469+.0091	-29 39 23.2	-18.122-.164	99.2	2
3467	CZ 1301	7.4	18 50.10	+2.7997+.0076	-25 33 5.1	-18.130-.167	99.2	2
3468	GC 14183	9.2	18 56.86	+2.7556+.0089	-29 3 49.5	-18.134-.164	99.2	1
3469	GC 14184	9.2	18 57.48	+2.7556+.0089	-29 3 57.4	-18.135-.164	99.2	1
3470	CZ 1322	8.6	19 0.21	+2.6603+.0113	-35 52 41.2	-18.136-.158	98.2	2
3471	L 4278	5.4	19 6.58	+2.6356+.0119	-37 30 8.9	-18.140-.156	98.2	8
3472	CZ 1330	9.0	19 10.70	+2.6921+.0106	-33 45 49.4	-18.143-.159	96.7	2
3473	CZ 1336	8.0	19 16.23	+2.7303+.0096	-31 3 1.8	-18.146-.162	97.2	1
3474	Pi 65	7.0	19 19.61	+2.7557+.0089	-29 8 32.2	-18.148-.163	96.6	2
3475	CZ 1346	8.4	19 27.69	+2.7312+.0096	-31 1 22.6	-18.153-.161	97.2	1
3476	CZ 1353	8.0	19 34.18	+2.8189+.0071	-24 6 6.7	-18.157-.167	96.2	2
3477	CZ 1370	7.2	19 45.54	+2.8080+.0074	-25 3 34.5	-18.164-.165	99.2	2
3478	CZ 1376	8.5	19 49.82	+2.6744+.0112	-35 8 25.7	-18.167-.157	98.2	2
3479	CZ 1397	8.0	20 8.05	+2.8160+.0072	-24 27 53.3	-18.178-.166	96.2	2
3480	CZ 1401	7.0	20 8.37	+2.7066+.0104	-32 58 55.8	-18.179-.159	97.2	1
3481	GC 14215	7.2	20 24.68	+2.8000+.0078	-25 51 2.0	-18.189-.165	99.2	2
3482	CZ 1442	8.5	20 41.60	+2.7979+.0079	-26 5 25.0	-18.199-.164	96.3	2
3483	CZ 1446	6.8	20 47.12	+2.7659+.0089	-28 41 10.4	-18.202-.161	96.3	2
3484	CZ 1460	9.5	20 56.87	+2.6632+.0116	-36 10 39.7	-18.208-.155	96.8	2
3485	CZ 1525	8.4	22 2.64	+2.7298+.0102	-31 45 2.6	-18.248-.157	97.2	2
3486	CZ 1530	8.2	22 4.49	+2.6964+.0111	-34 11 30.2	-18.249-.155	98.2	2
3487	CZ 1535	8.2	22 8.61	+2.7108+.0107	-33 10 25.8	-18.252-.156	98.3	2
3488	$\alpha$ Antliae	4.4	22 34.58	+2.7472+.0098	-30 33 31.3	-18.267-.157	98.1	9
3489	CZ 1556	8.2	22 36.31	+2.8357+.0070	-23 16 23.6	-18.268-.162	99.2	2
3490	CZ 1569	8.4	22 43.38	+2.6623+.0120	-36 42 12.9	-18.273-.152	96.3	2
3491	CZ 1607	7.3	23 17.75	+2.7050+.0111	-33 53 17.5	-18.293-.154	98.2	8
3492	CZ 1617	8.8	23 26.88	+2.7101+.0110	-33 33 28.0	-18.299-.154	98.2	2
3493	CZ 1631	9.2	23 43.46	+2.7705+.0093	-28 59 49.5	-18.309-.157	96.8	2
3494	CZ 1636	8.2	23 45.90	+2.6810+.0118	-35 42 31.1	-18.310-.152	98.2	2
3495	CZ 1643	9.1	23 51.54	+2.7085+.0111	-33 46 53.2	-18.313-.153	97.2	1
3496	CZ 1654	9.0	24 0.13	+2.7975+.0085	-26 50 50.4	-18.319-.158	96.7	2
3497	CZ 1673	8.0	24 15.57	+2.6431+.0128	-38 22 54.4	-18.328-.148	96.8	2
3498	CZ 1694	8.7	24 28.71	+2.7101+.0112	-33 49 39.3	-18.335-.152	96.7	2
3499	CZ 1707	8.8	24 37.59	+2.6744+.0121	-36 23 41.1	-18.341-.150	98.2	2
3500	CZ 1711	7.5	10 24 40.61	+2.6576+.0125	-37 32 51.8	-18.342-.149	98.3	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
3501	CZ 1720	9.0	10	24	49.24	+2.6788+	.0121	-36	8	21.0	-18.348-	.150	96.3	2
3502	Pi 90	5.8		24	51.80	+2.7720+	.0094	-29	9	8.6	-18.349-	.155	99.2	2
3503	GC 14313	7.5		24	52.72	+2.8578+	.0065	-21	44	5.5	-18.350-	.160	99.2	2
3504	GC 14316	7.2		24	56.26	+2.8602+	.0064	-21	31	59.4	-18.352-	.160	99.2	2
3505	CZ 1730	8.2		24	56.35	+2.7242+	.0109	-32	53	49.3	-18.352-	.152	98.2	2
3506	CZ 1729	9.0		24	56.94	+2.8265+	.0077	-24	33	52.8	-18.352-	.158	96.2	2
3507	$\delta$ Antliae	5.6		24	59.09	+2.7606+	.0098	-30	5	43.3	-18.353-	.154	98.1	8
3508	CZ 1735	7.6		25	0.51	+2.7307+	.0107	-32	25	45.7	-18.354-	.152	98.3	2
3509	CZ 1777	9.0		25	38.28	+2.8304+	.0076	-24	22	3.3	-18.376-	.157	96.2	2
3510	CZ 1787	8.2		25	39.78	+2.7359+	.0107	-32	11	59.0	-18.377-	.152	98.3	2
3511	CZ 1793	8.8		25	42.47	+2.6817+	.0122	-36	10	43.4	-18.379-	.148	96.8	2
3512	CZ 1817	8.6		26	4.97	+2.8276+	.0078	-24	42	35.5	-18.392-	.156	96.6	2
3513	CZ 1822	6.8		26	10.12	+2.8135+	.0083	-25	58	16.5	-18.395-	.155	99.2	2
3514	CZ 1829	8.0		26	20.55	+2.8399+	.0074	-23	39	57.1	-18.401-	.157	96.3	2
3515	CPD-22° 4742	9.7		26	36.82	+2.8515+	.0070	-22	39	51.8	-18.410-	.157	96.2	1
3516	CZ 1852	8.5		26	43.32	+2.6923+	.0121	-35	42	36.4	-18.414-	.147	98.2	2
3517	CZ 1874	7.9		26	58.93	+2.7084+	.0117	-34	36	44.6	-18.423-	.148	98.2	2
3518	CZ 1884	8.4		27	5.61	+2.7361+	.0110	-32	33	11.8	-18.427-	.149	96.2	2
3519	CZ 1886	6.0		27	9.24	+2.7958+	.0091	-27	43	23.1	-18.429-	.153	99.2	2
3520	CZ 1923	7.8		27	39.65	+2.8493+	.0073	-23	5	14.5	-18.446-	.155	99.2	2
3521	CZ 1950	9.0		28	0.43	+2.7562+	.0106	-31	12	53.3	-18.458-	.149	96.3	2
3522	CZ 1955	8.6		28	3.20	+2.7456+	.0109	-32	4	13.4	-18.460-	.148	96.8	2
3523	CZ 1953	9.2		28	4.71	+2.8326+	.0080	-24	42	1.8	-18.461-	.153	96.3	2
3524	GC 14379	7.2		28	8.33	+2.8618+	.0069	-22	0	45.8	-18.463-	.155	99.2	2
3525	CZ 1964	8.1		28	8.65	+2.7461+	.0109	-32	2	36.4	-18.463-	.148	97.2	2
3526	CZ 1967	8.1		28	10.93	+2.6947+	.0124	-35	56	33.9	-18.464-	.145	96.8	2
3527	CZ 1972	8.0		28	16.48	+2.7364+	.0112	-32	51	16.3	-18.467-	.148	98.2	2
3528	CZ 1979	8.8		28	27.98	+2.8305+	.0081	-24	59	2.2	-18.474-	.153	96.8	2
3529	CZ 2027	8.0		28	58.73	+2.7032+	.0123	-35	33	3.5	-18.491-	.145	98.2	2
3530	CZ 2038	7.6		29	9.96	+2.8117+	.0089	-26	49	59.8	-18.498-	.150	99.2	2
3531	Br 1471	5.3		29	15.45	+2.8514+	.0074	-23	13	48.0	-18.501-	.153	98.0	8
3532	CZ 2049	9.0		29	20.94	+2.7869+	.0098	-29	1	22.7	-18.504-	.149	96.3	2
3533	CZ 2063	9.4		29	32.95	+2.7533+	.0109	-31	51	23.1	-18.511-	.146	96.8	2
3534	CZ 2079	7.4		29	47.69	+2.6882+	.0129	-36	52	13.3	-18.519-	.143	98.2	2
3535	GC 14418	7.4		29	54.93	+2.8691+	.0068	-21	41	11.8	-18.523-	.152	99.2	2
3536	CZ 2094	8.4		30	2.00	+2.6896+	.0130	-36	50	17.1	-18.527-	.142	98.2	2
3537	CZ 2093	8.4		30	5.38	+2.8389+	.0081	-24	34	47.0	-18.529-	.150	96.7	2
3538	CZ 2099	8.0		30	5.89	+2.7377+	.0116	-33	14	54.8	-18.529-	.144	98.2	2
3539	CZ 2102	7.9		30	11.08	+2.7680+	.0106	-30	49	37.2	-18.532-	.146	99.2	2
3540	Br 1472	6.8		30	12.14	+2.8596+	.0073	-22	39	36.2	-18.532-	.152	99.2	2
3541	CZ 2107	8.0		30	19.29	+2.8255+	.0086	-25	51	52.5	-18.536-	.150	96.3	2
3542	CZ 2111	8.5		30	20.80	+2.7215+	.0120	-34	34	9.8	-18.537-	.143	98.2	2
3543	CZ 2155	8.1		30	57.84	+2.6933+	.0130	-36	50	38.2	-18.558-	.141	98.2	2
3544	CZ 2181	6.2		31	21.60	+2.8250+	.0088	-26	9	19.6	-18.571-	.147	96.2	2
3545	CZ 2206	8.4		31	41.36	+2.7097+	.0128	-35	50	56.6	-18.582-	.141	98.3	2
3546	CZ 2208	8.7		31	42.75	+2.7550+	.0113	-32	18	46.7	-18.583-	.143	99.2	2
3547	CZ 2226	7.2		31	54.81	+2.8033+	.0097	-28	15	13.3	-18.589-	.145	99.2	2
3548	CZ 2236	7.0		32	0.50	+2.7506+	.0116	-32	45	14.6	-18.592-	.142	98.2	2
3549	CZ 2235	7.2		32	0.76	+2.8161+	.0093	-27	8	17.2	-18.592-	.146	96.3	2
3550	Lal 20546	7.0	10	32	3.84	+2.8690+	.0072	-22	8	47.1	-18.594-	.149	99.2	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
3551	CZ 2242	8.3	10 32 6.28	+2.7704+.0109	-31 9 2.3	-18.595-.143	99.2	2
3552	Pi 123	5.1	32 32.11	+2.8202+.0092	-26 53 40.3	-18.609-.145	98.1	8
3553	CZ 2278	7.0	32 35.46	+2.7708+.0110	-31 14 38.3	-18.611-.142	98.2	2
3554	CZ 2282	8.9	32 39.01	+2.8456+.0082	-24 32 40.8	-18.613-.146	96.3	2
3555	CZ 2286	9.0	32 39.76	+2.7712+.0110	-31 14 19.9	-18.614-.142	98.2	1
3556	CZ 2292	8.4	32 46.35	+2.7921+.0103	-29 27 54.3	-18.617-.143	96.7	2
3557	A 8707	7.5	32 49.47	+2.8634+.0076	-22 51 45.9	-18.619-.147	99.1	2
3558	CZ 2314	8.9	33 3.16	+2.8472+.0083	-24 29 28.8	-18.626-.146	96.3	2
3559	CZ 2326	6.9	33 9.14	+2.7239+.0127	-35 12 1.9	-18.629-.139	98.3	2
3560	CZ 2391	8.0	34 24.77	+2.8419+.0087	-25 19 46.7	-18.670-.143	99.2	2
3561	CZ 2405	8.8	34 27.52	+2.7412+.0124	-34 13 12.8	-18.671-.138	98.2	2
3562	CZ 2415	8.1	34 33.98	+2.7514+.0121	-33 25 22.6	-18.675-.138	98.2	2
3563	CZ 2420	8.8	34 38.92	+2.8378+.0089	-25 46 49.6	-18.678-.142	96.2	2
3564	CZ 2437	7.0	34 44.27	+2.7176+.0132	-36 9 24.9	-18.680-.136	96.2	2
3565	CZ 2444	7.9	34 48.05	+2.7078+.0136	-36 55 10.6	-18.682-.135	98.2	2
3566	CZ 2446	8.2	34 50.19	+2.7659+.0117	-32 17 33.0	-18.683-.138	97.2	2
3567	CZ 2452	9.0	34 54.92	+2.8652+.0078	-23 9 35.5	-18.686-.143	96.3	2
3568	GC 14556	8.4	34 58.97	+2.7037+.0137	-37 17 27.6	-18.688-.135	99.2	2
3569	CZ 2475	7.4	35 10.80	+2.7095+.0136	-36 54 43.0	-18.694-.135	98.2	3, 2
3570	CZ 2471	8.1	35 12.76	+2.8665+.0078	-23 6 8.6	-18.695-.143	96.6	3
3571	CZ 2480	7.5	35 16.30	+2.7579+.0120	-33 5 31.3	-18.697-.137	98.3	2
3572	CZ 2552	9.2	36 8.88	+2.7526+.0124	-33 47 9.2	-18.725-.135	97.2	2
3573	L 4399	6.3	36 17.55	+2.7357+.0130	-35 13 11.6	-18.729-.134	98.1	8
3574	CZ 2563	8.5	36 17.86	+2.7088+.0139	-37 18 42.2	-18.730-.133	98.2	2
3575	CZ 2586	8.6	36 40.60	+2.7835+.0115	-31 18 56.1	-18.741-.136	96.8	2
3576	CZ 2595	8.9	36 48.21	+2.8354+.0094	-26 33 25.0	-18.745-.139	96.2	2
3577	CZ 2602	8.2	36 53.04	+2.7626+.0123	-33 10 44.7	-18.748-.135	98.2	2
3578	CZ 2605	7.5	36 56.06	+2.7383+.0131	-35 12 30.9	-18.749-.133	98.2	3
3579	CZ 2617	7.5	37 7.52	+2.8469+.0090	-25 31 24.8	-18.755-.139	99.2	2
3580	CZ 2640	8.4	37 31.62	+2.8587+.0086	-24 25 56.8	-18.768-.139	96.3	2
3581	CZ 2645	8.2	37 32.24	+2.7648+.0123	-33 11 14.3	-18.768-.134	96.6	3
3582	CZ 2654	8.9	37 36.70	+2.7652+.0123	-33 10 55.6	-18.770-.134	97.2	1
3583	CZ 2675	7.8	37 49.95	+2.7665+.0123	-33 7 57.4	-18.777-.133	98.2	2
3584	Br 1489	7.0	38 4.46	+2.8739+.0080	-23 1 31.3	-18.785-.138	99.2	2
3585	L 4415	5.7	38 5.04	+2.7783+.0120	-32 11 31.8	-18.785-.134	98.1	8
3586	CZ 2722	7.0	38 33.21	+2.7533+.0130	-34 28 46.9	-18.799-.131	98.3	2
3587	CZ 2727	7.0	38 38.21	+2.7909+.0116	-31 14 5.4	-18.802-.133	98.3	2
3588	CZ 2730	9.0	38 40.03	+2.8149+.0107	-29 1 38.6	-18.803-.134	96.2	2
3589	CZ 2734	7.9	38 43.12	+2.7870+.0118	-31 36 47.7	-18.804-.133	98.3	2
3590	GC 14652	7.4	38 57.29	+2.8017+.0113	-30 20 33.3	-18.811-.133	99.2	2
3591	CZ 2749	8.5	38 58.42	+2.7994+.0114	-30 33 58.3	-18.812-.133	96.2	2
3592	CZ 2750	8.7	38 59.12	+2.7981+.0114	-30 40 46.3	-18.812-.133	96.3	2
3593	L 4426	7.4	39 4.95	+2.7046+.0148	-38 32 2.8	-18.815-.128	98.2	8
3594	CZ 2798	9.2	39 39.97	+2.8286+.0103	-28 0 18.2	-18.833-.134	96.3	2
3595	CZ 2797	6.9	39 40.55	+2.8735+.0084	-23 27 38.4	-18.833-.136	99.2	2
3596	CZ 2807	8.5	39 42.26	+2.7356+.0139	-36 18 7.6	-18.834-.129	99.2	2
3597	CZ 2808	8.4	39 43.62	+2.7743+.0125	-33 2 52.5	-18.835-.131	97.2	2
3598	CPD-26° 4385	9.0	40 4.12	+2.8410+.0099	-26 53 46.2	-18.845-.134	96.2	1
3599	CZ 2825	6.6	40 4.42	+2.7359+.0140	-36 24 16.8	-18.845-.128	98.3	2
3600	CZ 2834	9.0	10 40 11.16	+2.8640+.0089	-24 34 56.7	-18.848-.134	96.3	2, 1



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
3601	CZ 2846	8.2	10	40	14.66	+2.7556+	.0133	-34	49	8.9	-18.850-	.129	98.2	2
3602	CZ 2848	9.0		40	18.45	+2.8407+	.0099	-26	59	41.1	-18.852-	.133	96.7	2
3603	CZ 2856	8.0		40	21.93	+2.8187+	.0109	-29	9	30.5	-18.854-	.132	99.2	2
3604	CZ 2895	7.8		40	52.77	+2.7335+	.0143	-36	51	59.4	-18.869-	.126	98.2	2
3605	CZ 2921	8.1		41	15.12	+2.7405+	.0141	-36	25	2.2	-18.880-	.126	98.3	2
3606	A 8787	7.8		41	20.10	+2.8826+	.0082	-22	54	21.9	-18.882-	.133	99.2	2
3607	CZ 2966	8.8		41	46.24	+2.7843+	.0126	-32	47	55.2	-18.895-	.128	97.2	2
3608	CZ 2969	9.1		41	50.24	+2.8731+	.0088	-24	3	21.4	-18.897-	.132	96.3	2
3609	Brisb 3200	6.7		41	57.63	+2.8595+	.0094	-25	31	22.6	-18.901-	.131	98.0	8
3610	CZ 2981	8.9		41	58.53	+2.7514+	.0139	-35	45	7.9	-18.901-	.126	96.2	2
3611	CZ 2978	7.4		42	0.07	+2.8646+	.0092	-25	0	24.0	-18.902-	.131	99.2	2
3612	CZ 3006	8.6		42	18.08	+2.7852+	.0127	-32	53	18.0	-18.911-	.127	98.3	2
3613	CPD-32° 2973	9.0		42	21.80	+2.7910+	.0125	-32	22	49.8	-18.913-	.127	98.2	1
3614	CZ 3012	8.4		42	23.54	+2.7551+	.0139	-35	34	10.4	-18.913-	.125	98.2	2
3615	CZ 3045	8.5		42	51.90	+2.7401+	.0146	-36	59	47.8	-18.927-	.124	99.2	2
3616	CZ 3054	8.4		42	59.24	+2.7571+	.0140	-35	35	56.8	-18.931-	.124	96.2	2
3617	CZ 3072	9.0		43	18.14	+2.7758+	.0133	-34	4	14.7	-18.940-	.125	97.2	2
3618	CZ 3073	8.1		43	20.34	+2.8599+	.0097	-25	52	12.9	-18.941-	.129	96.6	3
3619	CZ 3085	5.9		43	32.98	+2.8081+	.0121	-31	9	35.1	-18.947-	.126	99.2	2
3620	CZ 3096	9.0		43	48.48	+2.8726+	.0092	-24	37	56.6	-18.954-	.128	96.2	2
3621	L 4469	7.0		44	12.75	+2.8478+	.0104	-27	23	22.9	-18.966-	.127	98.1	9
3622	CZ 3128	8.2		44	16.76	+2.8169+	.0119	-30	31	41.2	-18.968-	.125	96.3	2
3623	CZ 3132	9.0		44	20.40	+2.8231+	.0116	-29	56	51.3	-18.969-	.125	96.3	2
3624	CZ 3150	7.4		44	28.88	+2.8591+	.0100	-26	17	13.2	-18.973-	.127	99.2	2
3625	CZ 3159	8.4		44	31.94	+2.7764+	.0136	-34	25	54.6	-18.975-	.123	98.3	2
3626	CZ 3169	8.4		44	40.80	+2.8234+	.0117	-30	1	22.8	-18.979-	.125	96.3	2
3627	CZ 3173	8.4		44	42.90	+2.8055+	.0125	-31	46	44.2	-18.980-	.124	98.3	2
3628	CZ 3185	8.0		44	52.69	+2.8296+	.0114	-29	27	54.2	-18.984-	.124	99.2	1
3629	CZ 3211	8.8		45	5.28	+2.7786+	.0137	-34	25	2.9	-18.990-	.122	97.0	3
3630	CZ 3224	7.9		45	17.66	+2.7699+	.0141	-35	16	29.5	-18.996-	.121	97.2	2
3631	L 4483	5.7		45	17.74	+2.7891+	.0133	-33	31	45.4	-18.996-	.122	96.3	2
3632	CZ 3259	8.0		45	46.98	+2.7932+	.0133	-33	18	36.6	-19.010-	.121	98.2	2
3633	CZ 3274	8.0		46	4.73	+2.7874+	.0136	-33	57	21.4	-19.018-	.120	98.2	2
3634	CZ 3285	8.0		46	15.04	+2.7739+	.0142	-35	14	53.5	-19.023-	.120	98.2	2
3635	CZ 3311	8.4		46	35.35	+2.7621+	.0148	-36	25	36.6	-19.032-	.119	98.2	2
3636	CZ 3350	8.2		47	10.90	+2.8882+	.0091	-23	50	23.5	-19.048-	.123	96.2	2
3637	CPD-29° 3361	9.2		47	23.79	+2.8371+	.0117	-29	30	11.0	-19.054-	.121	96.2	1
3638	CZ 3377	9.0		47	27.50	+2.8367+	.0117	-29	32	52.3	-19.056-	.121	96.2	2
3639	CZ 3400	8.3		47	47.70	+2.8024+	.0134	-33	7	25.9	-19.065-	.118	97.2	2
3640	CZ 3419	8.7		48	7.02	+2.8639+	.0105	-26	51	23.7	-19.074-	.121	96.3	2
3641	CZ 3433	8.4		48	17.15	+2.8209+	.0127	-31	27	58.5	-19.078-	.118	99.3	2
3642	CZ 3438	6.6		48	22.21	+2.7854+	.0143	-34	57	26.5	-19.081-	.117	98.2	2
3643	CZ 3437	9.0		48	23.43	+2.8556+	.0110	-27	50	45.1	-19.081-	.120	96.3	2
3644	CZ 3445	7.9		48	30.66	+2.8399+	.0118	-29	33	50.1	-19.084-	.119	96.6	3
3645	CZ 3448	8.0		48	33.19	+2.8119+	.0132	-32	27	26.6	-19.086-	.118	98.2	2
3646	CZ 3469	8.6		48	52.89	+2.8885+	.0094	-24	17	13.5	-19.094-	.120	96.3	2
3647	CZ 3480	8.0		49	5.23	+2.8204+	.0129	-31	47	40.9	-19.100-	.117	98.3	2
3648	CZ 3484	7.8		49	11.07	+2.8726+	.0104	-26	12	50.9	-19.102-	.119	99.2	2
3649	CZ 3492	8.2		49	16.10	+2.7990+	.0140	-33	58	59.6	-19.105-	.116	99.2	2
3650	CZ 3501	7.4	10	49	19.16	+2.7786+	.0149	-35	55	30.8	-19.106-	.115	98.2	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
3651	CZ 3511	8.5	10 49 29.14	+2.8331+.0124	-30 37 3.2	-19.110-.117	96.2	2
3652	CZ 3564	8.1	50 6.02	+2.8428+.0121	-29 48 12.5	-19.127-.116	96.3	2
3653	CZ 3602	8.4	50 39.69	+2.7941+.0146	-34 57 48.8	-19.141-.113	97.2	2
3654	CZ 3600	7.5	50 40.32	+2.8746+.0106	-26 26 44.2	-19.142-.117	99.2	2
3655	CZ 3610	8.8	50 45.49	+2.8053+.0141	-33 54 52.6	-19.144-.114	98.2	2
3656	CZ 3613	8.6	50 49.45	+2.8804+.0103	-25 49 5.1	-19.146-.117	96.3	2
3657	CZ 3628	8.0	51 7.53	+2.8326+.0129	-31 15 9.6	-19.153-.114	99.2	2
3658	CZ 3633	9.0	51 12.97	+2.8207+.0135	-32 31 38.4	-19.156-.113	96.2	2
3659	CZ 3636	7.5	51 13.43	+2.8003+.0145	-34 34 45.4	-19.156-.113	98.2	2
3660	CZ 3644	8.4	51 26.69	+2.8886+.0100	-25 3 3.6	-19.162-.116	96.3	2
3661	CZ 3674	8.2	51 50.41	+2.8082+.0143	-34 1 52.6	-19.172-.112	98.2	2
3662	Lal 21049	8.0	51 59.83	+2.9188+.0084	-21 29 58.7	-19.176-.116	99.2	2
3663	CZ 3690	9.0	52 0.06	+2.7883+.0153	-36 2 55.4	-19.176-.111	96.3	2
3664	Antliae	4.7	52 3.40	+2.7827+.0156	-36 36 0.4	-19.177-.110	98.0	8
3665	CZ 3728	8.5	52 27.62	+2.8348+.0131	-31 29 56.5	-19.188-.112	96.3	2
3666	CZ 3730	9.0	52 33.08	+2.8939+.0100	-24 45 34.0	-19.190-.114	96.3	2
3667	CZ 3758	8.2	52 51.13	+2.7785+.0160	-37 18 28.7	-19.198-.109	98.7	4
3668	A 8914	7.7	53 2.75	+2.9212+.0085	-21 29 9.8	-19.202-.114	99.2	2
3669	CZ 3781	9.0	53 9.45	+2.8024+.0150	-35 6 23.1	-19.205-.109	97.2	2
3670	CZ 3793	7.8	53 23.89	+2.8630+.0119	-28 42 15.3	-19.211-.111	99.3	2
3671	CZ 3797	8.6	53 25.35	+2.8043+.0149	-35 1 45.6	-19.212-.109	98.2	2
3672	CZ 3804	8.6	53 30.78	+2.8035+.0150	-35 8 0.2	-19.214-.109	96.3	2
3673	CZ 3806	8.6	53 32.88	+2.8333+.0135	-32 3 54.4	-19.215-.110	99.3	2
3674	CZ 3814	8.0	53 43.41	+2.9056+.0096	-23 39 54.2	-19.219-.113	99.3	2
3675	CZ 3852	9.3	54 14.72	+2.8179+.0145	-33 57 15.8	-19.232-.108	96.3	2
3676	CZ 3858	9.0	54 18.56	+2.8168+.0146	-34 5 26.5	-19.234-.108	96.3	2
3677	CZ 3864	8.0	54 22.22	+2.8147+.0147	-34 20 26.2	-19.235-.108	98.2	2
3678	CZ 3866	7.8	54 23.79	+2.8197+.0145	-33 49 56.8	-19.236-.108	98.2	2
3679	CZ 3871	8.6	54 29.35	+2.7992+.0156	-35 58 3.7	-19.238-.107	98.2	2
3680	L 4540	5.8	54 30.46	+2.8261+.0142	-33 12 0.9	-19.239-.108	98.0	8
3681	CZ 3893	8.0	54 49.68	+2.8334+.0139	-32 32 22.4	-19.247-.108	96.3	2
3682	CZ 3897	9.2	54 51.41	+2.8338+.0139	-32 30 28.0	-19.247-.108	96.8	2
3683	CZ 3903	8.9	54 57.67	+2.8415+.0135	-31 42 16.6	-19.250-.108	96.8	2
3684	CZ 3912	7.9	55 5.23	+2.8149+.0150	-34 36 25.5	-19.253-.106	98.2	2
3685	CZ 3927	9.0	55 16.18	+2.8418+.0136	-31 47 30.8	-19.258-.107	96.7	2
3686	CZ 3972	6.7	55 55.92	+2.8484+.0134	-31 18 19.9	-19.274-.106	96.6	3
3687	CZ 3984	8.4	56 9.06	+2.8151+.0153	-35 1 23.8	-19.279-.105	98.2	2
3688	CZ 3988	8.4	56 11.09	+2.8209+.0150	-34 25 26.0	-19.280-.105	98.2	2
3689	CZ 4042	8.4	57 0.53	+2.8337+.0146	-33 22 15.3	-19.299-.104	97.2	2
3690	CZ 4064	8.0	57 20.28	+2.7978+.0166	-37 17 45.2	-19.307-.102	98.2	2
3691	Br 1531	6.7	57 33.93	+2.8950+.0112	-26 17 24.7	-19.313-.105	99.3	2
3692	CZ 4117	6.9	58 14.27	+2.9065+.0106	-25 2 14.2	-19.328-.105	98.1	8
3693	CZ 4138 <sup>1</sup>	9.3	58 27.31	+2.8922+.0115	-26 58 44.2	-19.333-.104	99.3	2
3694	CZ 4138 <sup>2</sup>	8.2	58 27.36	+2.8922+.0116	-26 58 45.9	-19.333-.104	99.3	2
3695	L 4571	6.3	58 30.09	+2.8562+.0137	-31 25 17.9	-19.334-.102	98.1	8
3696	CZ 4179	8.6	58 51.98	+2.8154+.0162	-36 7 29.6	-19.343-.100	97.2	2
3697	CZ 4197	7.5	59 8.05	+2.8457+.0145	-32 54 18.4	-19.349-.101	98.2	2
3698	CZ 4237	7.5	59 34.39	+2.8179+.0163	-36 10 58.3	-19.359-.099	98.2	2
3699	CZ 4249	8.0	59 45.18	+2.8697+.0133	-30 18 9.5	-19.363-.101	99.3	2
3700	CZ 4268	9.5	10 59 59.81	+2.8279+.0159	-35 16 9.8	-19.369-.098	96.3	3, 2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
3701	L 4580	5.5	11 0 10.71	+2.8288+.0159	-35 15 55.2	-19.373-.098	{97.6} {98.3}	3, 2
3702	CZ 4279	8.7	0 10.72	+2.8112+.0169	-37 9 52.4	-19.373-.098	98.2	2
3703	CZ 4302	7.9	0 24.44	+2.8751+.0132	-29 53 47.1	-19.378-.100	99.2	2
3704	$\chi^1$ Hydrae	5.1	0 30.81	+2.8998+.0116	-26 45 14.1	-19.380-.100	98.0	8
3705	CZ 4321	9.0	0 41.90	+2.9170+.0105	-24 28 46.6	-19.385-.101	96.3	2
3706	CZ 4350	8.6	0 59.53	+2.8350+.0158	-34 55 56.9	-19.391-.097	97.3	2
3707	$\chi^2$ Hydrae	5.7	1 6.56	+2.9015+.0117	-26 44 50.8	-19.394-.099	97.6	5
3708	CZ 1	8.2	1 10.21	+2.8133+.0171	-37 23 22.5	-19.395-.096	98.2	2
3709	CZ 22	8.4	1 32.05	+2.8824+.0131	-29 25 43.4	-19.403-.098	96.3	2
3710	CZ 32	8.4	1 40.29	+2.8524+.0150	-33 12 25.9	-19.406-.096	98.2	2
3711	CZ 40	7.0	1 49.28	+2.8928+.0124	-28 11 10.8	-19.409-.098	96.8	2
3712	CZ 48	8.4	1 57.94	+2.9304+.0099	-23 0 54.8	-19.413-.099	96.8	2
3713	CZ 60	6.6	2 3.85	+2.8796+.0134	-30 0 44.9	-19.415-.097	99.2	2
3714	CZ 79	7.0	2 21.90	+2.8645+.0145	-32 2 41.2	-19.421-.096	99.2	2
3715	CZ 85	7.8	2 26.29	+2.8568+.0150	-33 0 49.3	-19.423-.095	98.2	2
3716	CZ 102	8.0	2 37.59	+2.8969+.0124	-27 57 2.7	-19.427-.096	96.2	2
3717	CZ 146	7.1	3 9.24	+2.8860+.0133	-29 37 46.7	-19.438-.095	96.2	3
3718	CZ 155	9.0	3 19.70	+2.9007+.0124	-27 43 34.0	-19.442-.095	96.3	2
3719	CZ 162	6.9	3 26.24	+2.8885+.0132	-29 25 50.7	-19.444-.095	99.2	2
3720	CZ 167	8.0	3 27.11	+2.8678+.0146	-32 6 49.4	-19.445-.094	98.2	2
3721	CZ 176	9.0	3 30.80	+2.8546+.0155	-33 46 2.1	-19.446-.093	97.3	2
3722	CZ 188	8.0	3 40.56	+2.8598+.0152	-33 13 2.8	-19.450-.093	98.2	2
3723	CZ 189	8.8	3 44.96	+2.8883+.0134	-29 35 9.9	-19.451-.094	96.3	2
3724	CZ 194	8.2	3 50.09	+2.8914+.0132	-29 12 19.6	-19.453-.094	99.2	2
3725	Br 1544	5.5	3 53.60	+2.9038+.0123	-27 32 19.0	-19.454-.094	98.0	8
3726	CZ 207	8.3	4 0.49	+2.8557+.0156	-33 51 48.6	-19.457-.092	98.3	3
3727	CZ 230	9.5	4 19.61	+2.8558+.0157	-34 0 36.0	-19.463-.092	96.8	2
3728	CZ 257	8.6	4 35.72	+2.9204+.0113	-25 26 48.5	-19.469-.094	96.8	2
3729	CZ 286	8.9	5 1.45	+2.8514+.0162	-34 51 44.4	-19.478-.090	97.3	2
3730	L 4623	5.8	5 4.91	+2.8758+.0146	-31 49 28.5	-19.479-.091	98.2	2
3731	CZ 295	7.4	5 8.94	+2.8952+.0133	-29 15 6.3	-19.480-.092	96.3	2
3732	CZ 299	7.4	5 12.14	+2.9247+.0112	-25 3 53.0	-19.482-.093	96.8	2
3733	CZ 302	8.0	5 16.25	+2.9116+.0122	-26 59 22.5	-19.483-.092	96.8	2
3734	CZ 317	8.8	5 31.95	+2.8536+.0163	-34 51 16.4	-19.488-.090	98.2	2
3735	CZ 321	8.0	5 36.03	+2.8480+.0167	-35 33 10.6	-19.490-.089	98.2	2
3736	CZ 322	8.4	5 38.60	+2.9232+.0114	-25 27 5.4	-19.491-.092	96.3	2
3737	CZ 334	7.7	5 46.68	+2.8768+.0148	-32 1 16.7	-19.494-.090	98.3	3
3738	CZ 371	8.0	6 16.27	+2.8497+.0168	-35 40 56.2	-19.504-.088	97.3	2
3739	CZ 399	9.3	6 40.40	+2.8807+.0148	-31 55 3.7	-19.512-.088	98.2	1
3740	$\beta$ Crateris	4.5	6 44.35	+2.9466+.0099	-22 16 47.3	-19.513-.091	97.9	9, 10
3741	CZ 421	8.9	7 0.00	+2.9316+.0112	-24 43 50.3	-19.518-.090	96.3	2
3742	CZ 428	7.2	7 5.28	+2.9218+.0120	-26 15 47.0	-19.520-.089	99.2	2
3743	CZ 429	6.8	7 5.94	+2.9261+.0116	-25 35 29.6	-19.520-.089	96.3	2
3744	CZ 447	6.8	7 25.56	+2.8836+.0149	-31 53 26.5	-19.527-.087	98.2	2
3745	CZ 448	7.3	7 28.09	+2.9027+.0136	-29 14 20.0	-19.528-.088	99.2	2
3746	GC 15339	6.7	7 38.76	+2.9553+.0095	-21 12 20.9	-19.531-.089	99.3	2
3747	CZ 463	8.8	7 40.61	+2.8939+.0143	-30 35 25.3	-19.532-.087	96.3	2
3748	CZ 473	8.5	7 49.18	+2.8626+.0166	-34 51 30.9	-19.535-.086	98.3	2
3749	CZ 489	8.2	8 3.63	+2.8712+.0160	-33 51 42.1	-19.539-.086	96.3	2
3750	CZ 506	7.6	11 8 19.33	+2.9274+.0119	-25 55 17.9	-19.544-.087	99.2	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
3751	GC 15364	7.5	11 8 45.95	+2.9502+.0102	-22 27 16.1	-19.553-.087	99.2	2
3752	CZ 594	8.6	9 26.24	+2.8747+.0164	-34 5 15.8	-19.566-.083	97.3	2
3753	CZ 605	7.8	9 35.38	+2.8727+.0166	-34 26 9.6	-19.569-.083	98.2	■
3754	CZ 619	9.0	9 47.01	+2.8790+.0162	-33 41 37.1	-19.573-.083	96.3	2
3755	CZ 621	8.9	9 52.19	+2.9490+.0106	-23 6 9.0	-19.574-.085	96.3	■
3756	CZ 629	8.8	9 56.98	+2.9190+.0131	-27 57 29.1	-19.576-.084	96.3	2
3757	CZ 649	7.5	10 14.10	+2.8873+.0157	-32 46 28.1	-19.581-.083	98.3	2
3758	CZ 661	8.8	10 25.68	+2.9450+.0111	-24 0 6.2	-19.585-.084	96.3	2
3759	CZ 689	8.0	10 45.32	+2.8292+.0202	-40 30 41.5	-19.591-.080	97.6	3
3760	GC 15404	7.6	10 47.13	+2.9555+.0103	-22 22 16.5	-19.592-.084	99.2	2
3761	CZ 690	8.6	10 47.66	+2.8734+.0170	-34 58 1.2	-19.592-.081	96.3	2
3762	CZ 724	8.4	11 5.26	+2.8947+.0155	-32 9 15.1	-19.597-.081	99.3	2
3763	CZ 733	8.2	11 8.88	+2.8689+.0175	-35 46 5.6	-19.598-.080	97.3	2
3764	L 4673	7.6	11 23.39	+2.8326+.0203	-40 28 33.9	-19.603-.079	98.3	8
3765	CZ 752	8.8	11 26.13	+2.8587+.0184	-37 16 50.8	-19.604-.079	99.3	2
3766	CZ 756	7.0	11 31.08	+2.8825+.0166	-34 7 20.7	-19.605-.080	98.2	8
3767	CZ 762	7.8	11 39.35	+2.9265+.0131	-27 35 3.5	-19.608-.081	99.2	2
3768	CZ 780	8.4	11 56.96	+2.8811+.0169	-34 33 15.8	-19.613-.079	98.3	2
3769	CZ 796	6.9	12 8.60	+2.8831+.0168	-34 22 54.6	-19.616-.079	98.3	2
3770	CZ 800	8.7	12 15.38	+2.8876+.0165	-33 48 46.2	-19.619-.079	98.3	2
3771	CZ 812	6.5	12 25.56	+2.8616+.0186	-37 28 6.2	-19.622-.078	98.3	2
3772	CZ 836	7.8	12 48.24	+2.8952+.0161	-32 59 29.4	-19.628-.078	98.2	2
3773	CZ 839	6.5	12 49.73	+2.8871+.0168	-34 11 27.8	-19.629-.078	98.3	2
3774	A 9124	7.6	12 50.26	+2.9646+.0101	-21 35 56.5	-19.629-.080	99.3	2
3775	CZ 844	9.0	12 50.37	+2.8606+.0189	-37 50 7.3	-19.629-.077	96.3	2
3776	CZ 849	7.0	12 55.30	+2.8747+.0178	-35 59 19.8	-19.630-.077	98.3	2
3777	CPD-36° 4904	8.4	13 7.95	+2.8707+.0183	-36 39 2.6	-19.634-.077	99.3	2
3778	CZ 867	9.0	13 11.52	+2.8753+.0179	-36 2 45.5	-19.635-.077	97.3	2
3779	CZ 897	8.4	13 36.65	+2.9413+.0124	-26 2 59.1	-19.643-.078	96.2	2
3780	CZ 901	7.0	13 40.71	+2.9544+.0113	-23 47 49.3	-19.644-.078	99.2	2
3781	CZ 905	8.1	13 47.20	+2.8975+.0163	-33 12 25.5	-19.646-.076	98.2	2
3782	CZ 921	8.4	14 5.65	+2.9504+.0118	-24 40 46.1	-19.651-.077	96.2	2
3783	CZ 945	8.5	14 27.83	+2.8726+.0187	-37 10 37.8	-19.658-.074	98.2	2
3784	CZ 948	7.8	14 32.52	+2.9331+.0135	-27 55 41.1	-19.659-.076	99.3	2
3785	CZ 975	7.5	14 53.73	+2.9358+.0134	-27 38 26.0	-19.665-.075	99.2	2
3786	CZ 1013	7.0	15 26.48	+2.9366+.0135	-27 47 6.4	-19.674-.074	96.3	2
3787	CZ 1023	8.9	15 36.87	+2.8786+.0188	-37 0 53.4	-19.677-.072	97.3	2
3788	CZ 1024	7.5	15 39.12	+2.9148+.0156	-31 33 17.1	-19.678-.073	98.2	2
3789	CZ 1035	8.8	15 50.39	+2.9549+.0119	-24 42 42.4	-19.681-.074	96.3	2
3790	CZ 1039	7.0	15 52.21	+2.8925+.0177	-35 10 14.3	-19.681-.072	98.2	2
3791	CZ 1059	9.0	16 12.71	+2.9366+.0138	-28 11 28.9	-19.687-.073	96.3	2
3792	CZ 1061	8.9	16 17.55	+2.9300+.0145	-29 23 32.5	-19.689-.073	<sup>{96.8}</sup> <sub>{96.3}</sub>	2, 1
3793	CZ 1066	7.8	16 18.98	+2.8955+.0177	-34 58 36.0	-19.689-.072	98.2	2
3794	CZ 1071	8.9	16 23.15	+2.9300+.0145	-29 25 59.4	-19.690-.072	<sup>{96.8}</sup> <sub>{96.3}</sub>	2, 1
3795	CZ 1073	8.8	16 24.86	+2.9574+.0119	-24 30 51.9	-19.691-.073	96.3	2
3796	A 9171	7.8	16 48.26	+2.9738+.0103	-21 33 26.1	-19.697-.073	99.2	2
3797	CZ 1109	8.0	16 59.53	+2.9123+.0164	-32 45 12.6	-19.700-.071	96.3	2
3798	CZ 1120	8.8	17 12.78	+2.8943+.0182	-35 41 44.5	-19.704-.070	97.8	4
3799	CZ 1130	8.3	17 17.64	+2.9104+.0168	-33 13 56.0	-19.705-.070	98.2	2
3800	CZ 1141	8.0	11 17 26.36	+2.8938+.0184	-35 56 13.3	-19.707-.070	98.9	3



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
3801	CZ 1155	9.0	11 17 40.56	+2.9438+.0137	-27 41 57.0	-19.711-.070	96.2	2
3802	CZ 1177	7.8	17 58.20	+2.8975+.0183	-35 41 37.1	-19.716-.069	97.2	4
3803	CZ 1193	7.7	18 10.32	+2.9418+.0141	-28 20 53.7	-19.719-.070	98.0	8
3804	CZ 1195	8.8	18 10.95	+2.8975+.0184	-35 50 48.1	-19.719-.068	98.3	2
3805	L 4728	5.1	18 22.05	+2.8997+.0183	-35 36 58.5	-19.722-.068	98.2	2
3806	CZ 1239	7.8	18 56.60	+2.9026+.0183	-35 32 24.2	-19.731-.067	98.2	2
3807	CZ 1237	8.0	18 57.36	+2.9545+.0131	-26 24 36.2	-19.731-.068	99.2	2
3808	CZ 1269	8.6	19 21.80	+2.9128+.0175	-34 7 8.2	-19.738-.067	97.3	2
3809	CZ 1291	7.9	19 38.76	+2.9162+.0173	-33 44 12.5	-19.742-.066	97.8	4
3810	CZ 1296	8.5	19 44.19	+2.9690+.0118	-23 56 7.5	-19.743-.067	96.3	2
3811	A 9202	7.8	19 49.36	+2.9772+.0110	-22 17 0.9	-19.745-.067	99.3	2
3812	CZ 1325	8.4	20 5.46	+2.9311+.0160	-31 27 0.1	-19.749-.066	97.2	4
3813	L 4739	5.3	20 38.48	+2.9097+.0185	-35 30 50.5	-19.757-.064	98.0	8
3814	CZ 1367	6.0	20 42.48	+2.8996+.0196	-37 11 51.6	-19.758-.064	98.3	2
3815	CZ 1421	8.2	21 34.25	+2.9243+.0175	-33 37 20.8	-19.771-.063	98.2	2
3816	CZ 1425	8.5	21 37.45	+2.9248+.0175	-33 35 23.9	-19.772-.063	98.2	2
3817	CZ 1431	8.3	21 40.63	+2.9090+.0192	-36 19 59.9	-19.772-.062	97.3	2
3818	GC 15648	8.6	21 51.27	+2.9021+.0200	-37 36 28.1	-19.775-.062	96.2	2
3819	CZ 1475	8.0	22 22.75	+2.9772+.0119	-23 37 10.6	-19.783-.062	99.2	2
3820	CZ 1482	8.7	22 26.09	+2.9084+.0197	-36 59 3.1	-19.783-.061	99.3	2
3821	L 4749	6.8	22 40.44	+2.9702+.0128	-25 18 40.8	-19.787-.062	98.0	8
3822	CZ 1504	7.9	22 46.10	+2.9397+.0164	-31 35 56.3	-19.788-.061	98.2	2
3823	CZ 1521	8.3	23 3.22	+2.9225+.0185	-34 59 57.1	-19.792-.060	97.3	2
3824	CZ 1523	6.8	23 5.31	+2.9238+.0183	-34 46 42.4	-19.793-.060	98.3	2
3825	CZ 1525	8.8	23 7.43	+2.9596+.0143	-27 50 10.1	-19.793-.061	96.2	2
3826	CZ 1526	8.7	23 8.64	+2.9696+.0131	-25 42 40.1	-19.793-.061	96.3	2
3827	GC 15671	7.8	23 16.21	+2.9147+.0195	-36 32 6.2	-19.795-.059	99.3	2
3828	CZ 1555	8.0	23 34.82	+2.9441+.0163	-31 18 22.0	-19.799-.059	99.2	2
3829	CZ 1623	8.7	24 31.98	+2.9408+.0172	-32 37 34.8	-19.812-.058	96.3	2
3830	L 4757	5.7	24 40.17	+2.9817+.0122	-23 54 48.3	-19.814-.058	99.3	2
3831	CZ 1634	7.5	24 40.35	+2.9659+.0142	-27 28 46.4	-19.814-.058	96.3	2
3832	CZ 1633	8.8	24 40.86	+2.9817+.0122	-23 54 46.4	-19.814-.058	99.3	2
3833	CZ 1639	7.5	24 46.88	+2.9797+.0126	-24 27 3.8	-19.816-.058	99.3	2
3834	CZ 1659	9.5	25 0.42	+2.9053+.0216	-39 28 0.4	-19.819-.056	96.6	3
3835	CZ 1679	8.9	25 13.74	+2.9390+.0178	-33 29 32.0	-19.822-.056	96.3	2
3836	CZ 1687	7.0	25 22.50	+2.9778+.0130	-25 14 50.2	-19.824-.057	99.2	2
3837	CZ 1720	9.0	25 56.83	+2.9586+.0158	-29 57 54.0	-19.831-.055	96.7	2
3838	CZ 1722	8.2	25 59.21	+2.9232+.0202	-37 5 35.0	-19.832-.054	98.2	2
3839	CZ 1734	8.0	26 9.43	+2.9234+.0203	-37 11 50.0	-19.834-.054	98.2	2
3840	CZ 1745	8.4	26 18.98	+2.9352+.0189	-35 5 48.5	-19.836-.054	99.3	2
3841	CZ 1748	8.5	26 26.83	+2.9452+.0178	-33 10 0.4	-19.838-.054	99.3	2
3842	CZ 1783	8.2	26 49.23	+2.9868+.0125	-23 59 13.1	-19.842-.054	96.8	2
3843	CZ 1813	8.8	27 18.30	+2.9593+.0164	-30 49 43.9	-19.848-.053	96.3	2
3844	Pi 95	5.9	27 18.62	+2.9686+.0152	-28 42 55.0	-19.848-.053	99.2	2
3845	Pi 96	5.8	27 18.97	+2.9686+.0152	-28 42 46.4	-19.848-.053	99.2	2
3846	CZ 1821	6.5	27 25.26	+2.9796+.0137	-26 11 43.6	-19.850-.053	99.3	2
3847	CZ 1826	8.7	27 31.34	+2.9618+.0162	-30 25 8.7	-19.851-.052	99.3	2
3848	CZ 1836	8.2	27 40.57	+2.9535+.0174	-32 23 38.6	-19.853-.052	98.2	2
3849	CZ 1846	8.6	27 49.73	+2.9918+.0122	-23 21 52.0	-19.855-.053	<sup>[97.2]</sup> 96.9	2, 3
3850	L 4778	5.7	11 27 56.04	+2.9169+.0223	-39 53 9.0	-19.856-.051	96.8	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
3851	Br 1579	5.2	11 27 57.28	+2.9628+.0163	-30 32 6.2	-19.856-.052	99.3	2
3852	CZ 1859	6.9	27 58.05	+2.9391+.0195	-35 39 21.8	-19.857-.051	98.2	2
3853	A 9292	7.8	27 58.34	+2.9941+.0120	-22 53 29.9	-19.857-.052	99.3	2
3854	CZ 1865	8.7	28 1.68	+2.9925+.0122	-23 21 15.4	-19.857-.052	96.4	1
3855	ξ Hydrae	3.7	28 4.98	+2.9599+.0168	-31 18 15.7	-19.858-.051	98.0	10
3856	L 4785	5.5	28 44.81	+2.9200+.0226	-40 2 6.8	-19.866-.050	98.1	9
3857	CZ 1955	9.0	29 12.83	+2.9550+.0182	-33 20 1.9	-19.871-.049	96.8	2
3858	CZ 1977	7.7	29 26.01	+2.9452+.0197	-35 39 5.7	-19.874-.049	98.2	2
3859	CZ 1982	8.6	29 29.86	+2.9546+.0184	-33 39 45.9	-19.875-.049	97.8	4
3860	CZ 1985	7.9	29 33.38	+2.9796+.0148	-27 44 5.9	-19.875-.049	99.3	2
3861	Br 1584	7.0	29 37.91	+2.9611+.0176	-32 18 7.0	-19.876-.049	98.3	2
3862	CZ 2005	8.9	29 51.35	+2.9636+.0174	-31 53 30.1	-19.879-.048	98.3	2
3863	CZ 2006	9.0	29 52.90	+2.9658+.0170	-31 22 52.8	-19.879-.049	96.8	2
3864	CZ 2012	9.6	30 2.74	+2.9914+.0133	-25 1 30.6	-19.881-.048	96.8	2
3865	CZ 2016	7.7	30 4.07	+2.9743+.0159	-29 28 44.0	-19.881-.048	99.3	2
3866	CZ 2019	7.5	30 5.61	+2.9716+.0163	-30 10 18.7	-19.882-.048	<sup>{96.6}</sup> <sub>{96.8}</sub>	3, 2
3867	CZ 2034	7.2	30 18.34	+2.9515+.0194	-35 3 33.0	-19.884-.048	98.2	2
3868	CZ 2061	8.0	30 51.83	+2.9574+.0189	-34 14 1.1	-19.890-.046	98.2	2
3869	CZ 2089	8.5	31 15.75	+2.9490+.0204	-36 30 24.3	-19.895-.045	98.3	2
3870	Br 1587*	5.9	31 37.31	+2.9654+.0182	-33 0 57.5	-19.899-.045	96.3	2
3871	GC 15855	7.2	31 38.95	+2.9548+.0199	-35 34 4.4	-19.899-.045	99.2	2
3872	CZ 2121	8.2	31 42.16	+2.9612+.0189	-34 5 49.0	-19.899-.045	96.6	3
3873	CZ 2120	8.6	31 42.26	+2.9684+.0178	-32 22 22.4	-19.899-.045	98.3	2
3874	CZ 2126	6.3	31 44.92	+2.9502+.0206	-36 41 2.6	-19.900-.044	97.3	5
3875	CZ 2125	7.5	31 45.52	+2.9999+.0128	-23 53 5.8	-19.900-.045	96.3	2
3876	Pi 118	6.9	31 59.07	+3.0055+.0120	-22 23 46.3	-19.902-.045	98.0	8
3877	CZ 2144	8.0	31 59.08	+2.9712+.0176	-31 55 36.4	-19.902-.044	98.3	2
3878	L 4808	6.8	32 3.49	+2.9694+.0179	-32 25 56.3	-19.903-.044	96.3	2
3879	CZ 2195	7.5	32 32.63	+2.9559+.0204	-36 10 26.9	-19.908-.043	98.2	2
3880	CZ 2214	7.4	32 48.50	+2.9789+.0169	-30 39 47.9	-19.911-.043	96.7	2
3881	CZ 2230	9.0	32 55.24	+2.9582+.0203	-36 0 33.8	-19.912-.042	97.3	2
3882	CZ 2225	8.0	32 56.01	+2.9900+.0151	-27 42 10.7	-19.912-.043	99.2	2
3883	CZ 2251	8.8	33 16.90	+3.0001+.0136	-25 2 11.3	-19.916-.042	96.8	2
3884	CZ 2252	9.2	33 18.46	+3.0001+.0136	-25 3 53.8	-19.916-.042	96.4	2
3885	CZ 2260	7.1	33 23.16	+2.9719+.0184	-33 3 6.6	-19.917-.042	98.2	2
3886	CZ 2273	8.9	33 32.73	+2.9701+.0189	-33 40 19.6	-19.919-.041	96.8	2
3887	CZ 2306	7.0	33 59.13	+3.0048+.0131	-24 9 37.6	-19.923-.041	99.2	2
3888	CZ 2327	7.9	34 21.17	+3.0052+.0133	-24 20 32.2	-19.927-.040	96.3	2
3889	CZ 2341 <sup>1</sup>	8.2	34 32.73	+2.9616+.0211	-36 52 38.2	-19.929-.039	99.3	2
3890	CZ 2341 <sup>2</sup>	8.7	34 32.96	+2.9616+.0211	-36 52 38.9	-19.929-.039	99.3	2
3891	GC 15929	8.2	34 40.37	+2.9707+.0196	-34 40 47.0	-19.930-.039	98.8	4
3892	CZ 2355	7.5	34 47.28	+2.9721+.0195	-34 25 39.8	-19.931-.039	98.2	2
3893	CZ 2372	6.8	34 58.69	+2.9785+.0185	-32 53 42.6	-19.933-.039	98.2	2
3894	CZ 2381	8.7	35 8.65	+2.9932+.0160	-28 46 58.3	-19.934-.039	97.2	2
3895	ο Hydrae	4.9	35 14.70	+2.9748+.0194	-34 11 25.7	-19.935-.038	98.0	9, 8
3896	CZ 2390	8.8	35 16.51	+2.9731+.0197	-34 41 3.4	-19.935-.038	98.3	2
3897	CZ 2388	7.5	35 16.52	+2.9964+.0155	-27 56 30.9	-19.936-.038	99.3	2
3898	CZ 2417	8.8	35 46.29	+2.9815+.0186	-32 53 49.4	-19.940-.037	96.3	2
3899	L 4845	6.6	36 10.40	+2.9969+.0160	-28 38 52.6	-19.944-.037	98.1	8
3900	CZ 2459	8.9	11 36 19.97	+2.9798+.0194	-33 56 43.7	-19.945-.036	96.3	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
3901	CZ 2463	8.0	11 36 22.81	+3.0053+.0145	-26 6 50.4	-19.946-.037	97.2	2
3902	CZ 2465	7.7	36 24.33	+2.9764+.0201	-35 2 56.2	-19.946-.036	97.3	2
3903	L 4857	5.3	36 44.28	+2.9883+.0181	-31 56 38.5	-19.949-.036	98.0	8
3904	GC 15987	8.2	36 46.88	+3.0178+.0122	-22 5 53.4	-19.949-.036	99.3	2
3905	CZ 2485	8.6	36 47.95	+2.9885+.0181	-31 55 50.4	-19.949-.036	98.6	3
3906	CZ 2490	7.4	36 56.00	+3.0134+.0132	-23 49 49.9	-19.951-.036	96.3	2
3907	CZ 2527	7.8	37 33.86	+2.9999+.0164	-29 4 59.7	-19.956-.034	96.2	2
3908	CZ 2528	8.4	37 34.57	+2.9798+.0205	-35 26 17.1	-19.956-.034	96.3	2
3909	CZ 2560	9.0	37 56.14	+3.0001+.0166	-29 28 30.5	-19.959-.034	96.3	2
3910	CZ 2564	8.0	37 57.93	+2.9837+.0201	-34 45 5.6	-19.959-.033	98.2	2
3911	L 4863	6.7	38 28.34	+2.9795+.0214	-36 38 4.4	-19.964-.032	98.1	10
3912	CZ 2597	8.6	38 29.71	+2.9903+.0192	-33 19 49.4	-19.964-.032	97.8	4
3913	CZ 2613	8.6	38 45.96	+3.0038+.0165	-29 7 27.3	-19.966-.032	96.3	2
3914	CZ 2628	6.8	38 57.52	+3.0042+.0166	-29 11 36.7	-19.968-.032	96.7	2
3915	CZ 2638	8.0	39 2.09	+2.9848+.0209	-35 44 40.3	-19.968-.031	99.3	2
3916	CZ 2657	9.3	39 16.08	+2.9915+.0196	-33 54 43.4	-19.970-.031	96.8	2
3917	CZ 2659	8.4	39 18.60	+3.0001+.0178	-31 4 14.1	-19.970-.031	96.8	2
3918	CZ 2680	7.8	39 53.30	+2.9880+.0211	-35 51 18.0	-19.975-.030	99.3	2
3919	CZ 2691	8.2	40 2.60	+3.0022+.0180	-31 13 16.3	-19.976-.030	99.2	2
3920	CZ 2694	8.9	40 3.16	+2.9826+.0225	-37 47 22.6	-19.976-.029	97.0	3
3921	CZ 2698	8.6	40 7.66	+3.0214+.0135	-23 55 4.8	-19.977-.030	96.8	2
3922	CZ 2710	8.4	40 18.95	+2.9899+.0211	-35 50 50.8	-19.978-.029	98.6	3
3923	CZ 2711	8.3	40 20.35	+3.0206+.0138	-24 27 23.1	-19.978-.030	96.3	2
3924	CZ 2715	8.0	40 24.03	+3.0125+.0158	-27 49 1.9	-19.979-.029	96.2	1
3925	CZ 2725	8.4	40 27.00	+2.9906+.0211	-35 47 46.6	-19.979-.029	99.0	3
3926	CZ 2729	8.0	40 29.26	+2.9868+.0220	-37 4 0.7	-19.979-.029	98.2	2
3927	CZ 2739	8.0	40 37.04	+2.9935+.0206	-35 2 59.7	-19.980-.029	98.3	2
3928	CZ 2747	8.4	40 41.85	+3.0032+.0183	-31 42 28.6	-19.981-.028	98.3	2
3929	CZ 2781	8.0	41 19.27	+3.0163+.0157	-27 24 29.3	-19.986-.027	99.2	2
3930	CZ 2782	7.8	41 20.82	+2.9988+.0201	-34 11 50.3	-19.986-.027	98.2	2
3931	CZ 2784	8.0	41 22.99	+3.0234+.0139	-24 25 11.1	-19.986-.027	96.3	2
3932	CZ 2789	9.0	41 25.08	+3.0134+.0165	-28 43 21.9	-19.986-.027	96.7	2
3933	CZ 2790	7.2	41 26.23	+3.0247+.0136	-23 55 43.5	-19.986-.027	96.8	2
3934	CZ 2797	9.0	41 31.86	+3.0060+.0185	-31 46 27.6	-19.987-.027	96.8	2
3935	CZ 2801	9.3	41 35.32	+2.9901+.0225	-37 35 40.5	-19.987-.026	96.8	2
3936	CZ 2832	8.1	42 4.65	+3.0048+.0194	-33 2 15.1	-19.991-.026	98.2	2
3937	CZ 2833	6.6	42 5.79	+2.9988+.0210	-35 21 2.1	-19.991-.026	98.3	2
3938	CZ 2839	8.0	42 9.86	+3.0004+.0206	-34 50 28.9	-19.991-.026	98.3	2
3939	CZ 2844	7.0	42 15.66	+3.0136+.0172	-29 43 28.7	-19.992-.025	99.3	2
3940	CZ 2845	7.4	42 17.21	+3.0237+.0146	-25 24 22.3	-19.992-.026	99.3	2
3941	CZ 2855	7.5	42 24.24	+3.0118+.0178	-30 41 55.9	-19.993-.025	99.3	2
3942	CPD-33° 3150	8.0	42 28.13	+3.0055+.0196	-33 20 35.8	-19.993-.025	99.3	2
3943	CZ 2877	9.3	42 36.81	+3.0256+.0143	-24 55 5.4	-19.994-.025	96.4	2
3944	CZ 2879	9.1	42 37.36	+3.0047+.0200	-33 53 44.0	-19.994-.025	96.8	2
3945	CZ 2890	7.5	42 50.72	+3.0201+.0160	-27 46 3.2	-19.996-.024	99.3	2
3946	CZ 2893	9.0	42 52.18	+3.0267+.0142	-24 43 31.0	-19.996-.024	96.3	2
3947	CZ 2908	6.5	43 3.67	+3.0044+.0206	-34 40 3.3	-19.997-.024	98.3	2
3948	A 9473	7.5	43 24.51	+3.0326+.0130	-22 32 7.6	-20.000-.024	99.2	2
3949	CZ 2935	7.2	43 37.78	+3.0048+.0212	-35 25 50.6	-20.001-.023	98.3	2
3950	Pi 161	5.4	11 43 42.01	+3.0260+.0152	-26 11 37.4	-20.001-.023	98.1	8



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
3951	CZ 2991	9.4	11 44 37.62	+3.0164+.0190	-32 9 7.7	-20.007-.021	96.3	2
3952	CZ 2993	8.1	44 41.04	+3.0172+.0189	-31 53 20.7	-20.007-.021	96.6	3
3953	CZ 2998	9.0	44 47.65	+3.0275+.0158	-27 1 35.8	-20.008-.021	96.3	2
3954	CZ 3035	9.1	45 12.78	+3.0230+.0177	-29 59 2.7	-20.010-.020	96.3	2
3955	CZ 3052	8.0	45 33.70	+3.0089+.0227	-37 7 30.3	-20.012-.019	97.3	2
3956	L 4905	7.0	45 34.02	+3.0304+.0156	-26 43 19.6	-20.012-.019	99.2	2
3957	CZ 3061	8.0	45 40.35	+3.0193+.0194	-32 35 8.0	-20.013-.019	98.2	2
3958	CZ 3076	9.0	45 56.59	+3.0201+.0196	-32 39 54.1	-20.014-.018	96.3	2
3959	CZ 3086	8.0	46 1.62	+3.0321+.0156	-26 31 26.3	-20.015-.018	99.2	2
3960	Yarn 5056	8.2	46 8.99	+3.0132+.0222	-36 22 47.0	-20.015-.018	99.3	2
3961	L 4913	6.0	46 38.07	+3.0272+.0180	-30 16 13.8	-20.018-.017	98.0	8
3962	CZ 3162	8.6	47 13.06	+3.0162+.0230	-37 11 44.1	-20.021-.016	98.3	2
3963	CZ 3189	8.2	47 39.58	+3.0176+.0232	-37 25 50.2	-20.023-.015	98.3	2
3964	CZ 3194	8.2	47 44.33	+3.0410+.0141	-23 55 16.5	-20.023-.015	96.3	2
3965	$\beta$ Hydrae	4.4	47 51.35	+3.0261+.0202	-33 21 6.6	-20.024-.015	98.0	10
3966	CZ 3221	8.7	48 9.16	+3.0362+.0165	-27 50 38.2	-20.025-.014	96.3	2
3967	CZ 3226	6.5	48 13.21	+3.0228+.0222	-36 1 9.6	-20.026-.014	96.8	2
3968	CZ 3228	9.0	48 15.42	+3.0422+.0142	-24 1 53.3	-20.026-.014	97.3	2
3969	GC 16223	9.4	48 15.99	+3.0422+.0142	-24 1 54.9	-20.026-.014	97.3	2
3970	CZ 3233	8.7	48 20.62	+3.0284+.0201	-33 6 15.4	-20.026-.014	98.2	2
3971	L 4926	7.0	48 23.75	+3.0261+.0211	-34 30 33.8	-20.026-.014	96.4	2
3972	CZ 3260	8.6	48 45.67	+3.0288+.0206	-33 51 49.2	-20.028-.013	98.3	2
3973	CZ 3287	8.2	49 1.46	+3.0310+.0202	-33 8 1.9	-20.029-.013	98.3	2
3974	CZ 3286	8.6	49 1.74	+3.0365+.0177	-29 25 30.8	-20.029-.013	96.3	2
3975	CZ 3292	8.2	49 6.36	+3.0275+.0218	-35 26 7.5	-20.029-.013	99.3	2
3976	CZ 3293	8.0	49 7.01	+3.0356+.0183	-30 21 3.0	-20.030-.013	99.3	2
3977	CZ 3295	8.4	49 10.25	+3.0251+.0231	-37 2 36.2	-20.030-.012	98.2	2
3978	CZ 3307	7.2	49 24.84	+3.0259+.0232	-37 11 39.2	-20.031-.012	96.3	3, 2
3979	L 4933	5.5	49 36.99	+3.0443+.0150	-25 9 34.6	-20.032-.012	98.1	8
3980	CZ 3370	8.4	50 23.51	+3.0365+.0202	-32 53 40.0	-20.034-.010	96.3	2
3981	CZ 3376	6.8	50 25.43	+3.0474+.0146	-24 18 8.7	-20.035-.010	96.3	2
3982	CZ 3382	8.6	50 26.75	+3.0436+.0166	-27 35 9.3	-20.035-.010	96.8	2
3983	Br 1614	6.7	50 34.91	+3.0436+.0168	-27 55 11.6	-20.035-.010	98.0	8
3984	CZ 3402	8.5	50 41.98	+3.0478+.0148	-24 35 23.2	-20.036-.009	96.8	2
3985	CZ 3415	7.9	50 51.45	+3.0485+.0146	-24 22 4.6	-20.036-.009	96.8	2
3986	CZ 3427	8.5	51 2.07	+3.0405+.0194	-31 40 12.5	-20.037-.009	98.2	2
3987	CZ 3436	8.2	51 17.63	+3.0426+.0187	-30 37 55.9	-20.038-.008	96.8	2
3988	CZ 3445	9.3	51 26.79	+3.0433+.0186	-30 30 10.5	-20.038-.008	97.2	1
3989	CZ 3459	7.5	51 38.46	+3.0426+.0195	-31 42 39.7	-20.039-.008	99.3	2
3990	CZ 3462	8.0	51 39.97	+3.0426+.0195	-31 42 37.5	-20.039-.008	99.3	2
3991	CZ 3484	6.6	51 58.91	+3.0424+.0202	-32 45 30.0	-20.040-.007	96.3	2
3992	CZ 3488	8.5	52 0.78	+3.0409+.0214	-34 20 36.8	-20.040-.007	98.3	2
3993	CZ 3493	9.8	52 7.59	+3.0397+.0223	-35 31 32.5	-20.040-.007	96.8	2
3994	CZ 3495	8.0	52 10.27	+3.0412+.0216	-34 38 12.1	-20.040-.007	98.2	2
3995	A 9577 <sup>1*</sup>	8.0	52 12.10	+3.0544+.0133	-21 58 50.8	-20.041-.007	99.4	2
3996	A 9577 <sup>2*</sup>	8.3	52 12.18	+3.0544+.0133	-21 58 46.8	-20.041-.007	99.4	2
3997	CZ 3507	9.0	52 22.46	+3.0460+.0190	-30 57 21.0	-20.041-.006	96.8	2
3998	CZ 3511	8.0	52 25.58	+3.0507+.0161	-26 29 50.5	-20.041-.006	99.3	2
3999	CZ 3516	8.0	52 30.31	+3.0450+.0200	-32 24 6.2	-20.041-.006	98.3	2
4000	CZ 3536	8.6	11 52 49.83	+3.0540+.0146	-23 56 51.7	-20.042-.005	96.3	2

3995-6 Mean 12<sup>h</sup>10 49<sup>m</sup>0 99<sup>s</sup>2 1 obs.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4001	CZ 3543	9.4	II 52 56.28	+3.0418+.0234	-36 54 27.3	-20.043-.005	96.7	2
4002	CZ 3545	7.2	52 58.40	+3.0517+.0165	-27 7 59.4	-20.043-.005	99.3	2
4003	CZ 3544	7.0	52 58.64	+3.0479+.0192	-31 5 35.5	-20.043-.005	96.3	3
4004	CZ 3557	7.1	53 15.60	+3.0393+.0263	-40 23 27.3	-20.043-.004	98.1	8
4005	L 4961	6.6	53 48.24	+3.0556+.0155	-25 21 5.9	-20.045-.003	98.0	8
4006	A 9596	7.5	53 55.84	+3.0578+.0140	-22 51 22.9	-20.045-.003	99.3	2
4007	CZ 3627	7.5	54 16.13	+3.0538+.0182	-29 30 15.0	-20.046-.003	99.2	2
4008	CZ 3636	7.0	54 25.95	+3.0502+.0220	-34 45 7.2	-20.046-.002	97.3	2
4009	CZ 3637	9.2	54 27.87	+3.0522+.0202	-32 23 23.5	-20.046-.002	96.3	2
4010	CZ 3648	8.4	54 38.65	+3.0554+.0179	-28 56 38.5	-20.047-.002	96.8	2
4011	CZ 3655	9.0	54 45.10	+3.0508+.0226	-35 35 28.0	-20.047-.002	98.2	2
4012	CZ 3674	8.4	55 2.57	+3.0583+.0163	-26 32 42.1	-20.047-.001	96.8	2
4013	CZ 3681	8.9	55 7.34	+3.0568+.0181	-29 10 20.1	-20.048-.001	96.8	2
4014	CZ 3690	7.0	55 10.81	+3.0525+.0228	-35 43 39.4	-20.048-.001	97.3	2
4015	CZ 3694	8.0	55 14.53	+3.0526+.0230	-36 0 20.9	-20.048-.001	98.3	2
4016	CZ 3697	8.0	55 17.47	+3.0568+.0187	-30 2 40.6	-20.048-.001	96.7	3
4017	CZ 3703	8.4	55 21.63	+3.0607+.0147	-23 54 5.2	-20.048.000	99.3	2
4018	CZ 3704	8.7	55 21.99	+3.0607+.0147	-23 54 13.1	-20.048.000	99.3	2
4019	GC 16401	6.8	55 35.36	+3.0627+.0132	-21 16 49.8	-20.048.000	99.2	2
4020	CZ 3721	9.2	55 42.02	+3.0539+.0238	-36 55 22.1	-20.049.000	96.3	2
4021	CZ 3730	8.2	55 50.88	+3.0579+.0197	-31 27 59.4	-20.049.000	98.2	2
4022	CZ 3755	7.1	56 18.13	+3.0584+.0212	-33 29 35.2	-20.050+.001	96.3	2
4023	CZ 3767	9.0	56 28.72	+3.0590+.0213	-33 35 2.4	-20.050+.002	96.3	2
4024	CZ 3779	8.5	56 38.46	+3.0606+.0199	-31 38 59.9	-20.050+.002	98.2	2
4025	CZ 3786	8.6	56 40.16	+3.0607+.0199	-31 40 23.7	-20.050+.002	98.2	2
4026	CZ 3787	7.3	56 40.64	+3.0596+.0217	-34 5 39.2	-20.050+.002	97.3	2
4027	CZ 3827	8.8	57 14.68	+3.0649+.0161	-25 52 52.9	-20.051+.003	96.3	2
4028	CPD-36° 5303	8.6	57 38.02	+3.0627+.0236	-36 26 4.4	-20.051+.004	99.3	2
4029	CZ 3854	8.2	57 40.56	+3.0631+.0228	-35 21 10.7	-20.051+.004	98.2	2
4030	GC 16445	7.5	57 52.68	+3.0678+.0135	-21 35 45.5	-20.051+.004	99.3	2
4031	CZ 3868	7.8	57 54.12	+3.0653+.0197	-31 8 5.7	-20.051+.004	99.3	2
4032	CZ 3909	7.8	58 25.22	+3.0670+.0202	-31 42 4.4	-20.052+.005	98.2	2
4033	CZ 3916	9.0	58 30.99	+3.0674+.0203	-31 51 15.6	-20.052+.006	98.3	2
4034	CZ 3919	6.5	58 31.83	+3.0658+.0254	-38 27 2.4	-20.052+.006	96.3	2
4035	CZ 3931	9.1	58 42.07	+3.0694+.0150	-23 51 14.1	-20.052+.006	96.3	2
4036	CZ 3932	8.8	58 42.62	+3.0680+.0203	-31 53 47.2	-20.052+.006	98.3	2
4037	CZ 3934	8.0	58 44.66	+3.0677+.0220	-34 15 7.9	-20.052+.006	97.3	2
4038	CPD-31° 3368	8.0	59 8.39	+3.0696+.0201	-31 32 57.1	-20.052+.007	99.2	2
4039	CZ 3988	7.8	59 42.24	+3.0717+.0207	-32 14 43.9	-20.052+.008	98.3	2
4040	CZ 3990	8.6	59 42.95	+3.0716+.0221	-34 13 21.0	-20.052+.008	98.3	2
4041	CZ 3991	8.8	II 59 44.94	+3.0718+.0178	-28 6 10.1	-20.052+.008	96.6	3
4042	CZ 4014	7.6	12 0 3.62	+3.0729+.0178	-28 8 55.5	-20.052+.009	96.6	3
4043	CZ 4015	7.8	0 3.63	+3.0729+.0218	-33 39 7.8	-20.052+.009	98.3	2
4044	CZ 4031	8.7	0 19.55	+3.0741+.0244	-36 59 43.1	-20.052+.009	97.3	2
4045	CZ 4057	6.2	0 48.22	+3.0760+.0230	-35 8 14.7	-20.052+.009	98.2	2
4046	CZ 4067*	7.8	0 57.14	+3.0762+.0209	-32 23 56.2	-20.052+.010	96.3	2
4047	CZ 4075	9.0	I 2.21	+3.0762+.0195	-30 28 13.8	-20.052+.011	96.3	2
4048	CZ 4084	9.2	I 7.73	+3.0771+.0221	-33 54 57.6	-20.052+.011	96.8	2
4049	GC 16528	7.6	I 8.36	+3.0754+.0142	-22 14 24.1	-20.052+.011	99.3	2
4050	CZ 4091	9.0	12 I 12.12	+3.0768+.0195	-30 27 9.2	-20.052+.011	96.3	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
4051	L 5021	7.0	12	1	28.92	+3.0793+	.0248	-37	18	12.0	-20.052+	.011	97.9	8
4052	GC 16545	6.9		1	53.70	+3.0774+	.0148	-23	12	38.2	-20.051+	.012	96.7	3
4053	CZ 66	8.0		2	13.88	+3.0809+	.0208	-32	6	17.6	-20.051+	.013	97.8	2
4054	CZ 72	8.4		2	20.37	+3.0787+	.0151	-23	35	1.6	-20.051+	.013	96.8	2
4055	CZ 71	8.8		2	20.40	+3.0797+	.0173	-26	59	20.3	-20.051+	.013	96.8	2
4056	CZ 75	6.8		2	27.01	+3.0813+	.0199	-30	51	2.0	-20.051+	.013	98.1	8
4057	CZ 77	7.9		2	29.54	+3.0790+	.0150	-23	24	44.5	-20.051+	.013	96.7	3
4058	CZ 99	7.9		2	52.22	+3.0826+	.0198	-30	35	3.2	-20.050+	.014	96.3	2
4059	CZ 103	9.0		2	56.28	+3.0803+	.0154	-23	57	10.4	-20.050+	.014	96.3	1
4060	L 5034	7.0		3	10.33	+3.0852+	.0224	-34	7	6.1	-20.050+	.015	98.1	8
4061	CZ 117	9.0		3	11.89	+3.0837+	.0197	-30	24	19.2	-20.050+	.015	96.8	2
4062	$\alpha$ Corvi	4.2		3	15.21	+3.0812+	.0155	-24	10	15.9	-20.050+	.015	98.1	8
4063	CZ 163	8.6		3	55.52	+3.0873+	.0213	-32	31	42.6	-20.049+	.016	97.0	3
4064	CZ 169	9.4		4	4.27	+3.0900+	.0241	-36	8	13.0	-20.049+	.017	97.3	2
4065	CZ 208	8.0		4	37.97	+3.0902+	.0217	-32	55	50.0	-20.048+	.018	98.3	2
4066	L 5043*	6.8		4	52.59	+3.0920+	.0226	-34	8	52.6	-20.048+	.018	96.3	2
4067	CZ 234	8.3		5	6.45	+3.0932+	.0229	-34	29	56.4	-20.047+	.019	98.3	2
4068	CZ 239	8.4		5	10.87	+3.0936+	.0231	-34	40	42.6	-20.047+	.019	98.3	2
4069	CZ 244	9.2		5	16.93	+3.0935+	.0226	-34	2	51.3	-20.047+	.019	96.8	2
4070	CZ 247	8.2		5	19.20	+3.0868+	.0158	-24	24	8.9	-20.047+	.019	96.8	2
4071	CZ 251	6.8		5	22.53	+3.0966+	.0252	-37	18	46.5	-20.047+	.019	99.3	2
4072	CZ 252	8.0		5	25.64	+3.0959+	.0244	-36	16	41.0	-20.046+	.019	97.8	2
4073	CZ 268	7.7		5	41.84	+3.0942+	.0218	-32	54	37.8	-20.046+	.020	97.4	2
4074	CZ 269	7.6		5	42.53	+3.0901+	.0179	-27	30	38.4	-20.046+	.020	99.3	2
4075	Br 1629	5.4		5	54.84	+3.0874+	.0150	-23	2	43.6	-20.045+	.020	99.3	2
4076	CZ 292	8.3		6	1.08	+3.0952+	.0216	-32	38	43.2	-20.045+	.020	98.3	4
4077	CZ 301	8.6		6	10.75	+3.0953+	.0212	-32	4	34.6	-20.045+	.021	98.3	2
4078	CZ 309	8.6		6	18.90	+3.0967+	.0219	-33	3	48.0	-20.044+	.021	97.9	2
4079	CZ 310	9.1		6	19.67	+3.0949+	.0204	-30	59	59.0	-20.044+	.021	96.8	2
4080	CZ 327	7.8		6	31.66	+3.0946+	.0197	-30	2	49.2	-20.044+	.021	99.3	2
4081	CZ 355	7.5		6	49.04	+3.0916+	.0166	-25	23	6.0	-20.043+	.022	99.4	2
4082	CZ 367	8.6		7	1.35	+3.1036+	.0252	-37	1	28.3	-20.043+	.022	98.2	2
4083	CZ 381	9.0		7	12.30	+3.1008+	.0226	-33	43	30.7	-20.042+	.023	96.3	2
4084	CZ 384	7.5		7	18.03	+3.1002+	.0219	-32	50	55.3	-20.042+	.023	98.3	2
4085	CPD-34° 5050	8.2		7	27.75	+3.1027+	.0232	-34	32	29.5	-20.041+	.023	99.3	2
4086	CZ 398	7.4		7	36.06	+3.1061+	.0252	-36	58	16.4	-20.041+	.024	98.2	2
4087	CZ 407	9.0		7	42.92	+3.0930+	.0159	-24	16	17.9	-20.041+	.024	96.3	2
4088	CZ 427	6.8		8	1.67	+3.1038+	.0225	-33	34	10.2	-20.040+	.024	96.4	2
4089	CZ 429	7.5		8	1.82	+3.1029+	.0219	-32	46	37.5	-20.040+	.024	97.4	3
4090	CZ 436	8.8		8	6.18	+3.1031+	.0219	-32	45	0.4	-20.040+	.024	97.8	2
4091	CZ 445	5.9		8	12.89	+3.1106+	.0265	-38	22	23.0	-20.039+	.025	96.7	3
4092	CZ 459	6.0		8	25.12	+3.1049+	.0223	-33	14	8.9	-20.038+	.025	97.8	2
4093	CZ 463	8.0		8	30.09	+3.0977+	.0176	-26	45	54.2	-20.038+	.025	99.3	2
4094	CZ 486	8.5		8	50.83	+3.1047+	.0213	-31	49	49.4	-20.037+	.026	98.3	2
4095	CZ 490	7.8		8	54.28	+3.1107+	.0247	-36	10	20.4	-20.037+	.026	98.3	2
4096	CZ 492	8.5		8	54.75	+3.1105+	.0246	-35	59	59.7	-20.037+	.026	98.3	2
4097	CZ 502	8.8		9	3.17	+3.1004+	.0183	-27	41	47.6	-20.036+	.026	96.6	3
4098	CZ 507	7.0		9	6.60	+3.1075+	.0224	-33	13	22.7	-20.036+	.026	97.8	2
4099	CZ 537	7.8		9	33.78	+3.0978+	.0160	-24	13	5.2	-20.035+	.027	96.3	3
4100	CZ 546	9.0	12	9	45.40	+3.1073+	.0209	-31	16	59.5	-20.034+	.028	96.3	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4101	CZ 551	7.9	12 9 47.33	+3.1137+.0244	-35 39 52.7	-20.034+.028	98.2	2
4102	Brisb 3977	6.6	9 55.25	+3.1044+.0191	-28 40 50.3	-20.033+.028	98.0	8, 7
4103	CZ 576	9.0	10 16.34	+3.0984+.0154	-23 13 44.1	-20.032+.029	96.8	2
4104	CZ 585	8.0	10 22.34	+3.1092+.0209	-31 8 2.5	-20.032+.029	96.3	2
4105	GC 16740	7.0	10 36.07	+3.0987+.0152	-22 47 48.7	-20.031+.029	99.3	2
4106	CZ 603	9.2	10 40.30	+3.0995+.0155	-23 17 14.5	-20.030+.030	96.8	2
4107	CZ 609	8.8	10 43.08	+3.1106+.0210	-31 14 4.7	-20.030+.030	96.8	2
4108	CZ 610	8.8	10 45.70	+3.1107+.0210	-31 12 50.2	-20.030+.030	96.8	2
4109	CZ 612	9.0	10 48.65	+3.1131+.0221	-32 39 58.7	-20.030+.030	96.9	2
4110	CZ 636	8.8	11 5.47	+3.1158+.0229	-33 41 34.6	-20.029+.030	96.8	2
4111	CZ 657	8.8	11 32.76	+3.1037+.0165	-24 42 49.4	-20.027+.031	96.7	2
4112	CZ 668	7.8	11 40.24	+3.1060+.0174	-26 2 30.0	-20.026+.032	99.3	2
4113	CZ 671	8.6	11 42.88	+3.1151+.0215	-31 47 45.2	-20.026+.032	96.3	2
4114	CZ 699	9.1	12 16.47	+3.1209+.0232	-33 56 58.3	-20.023+.033	97.4	2
4115	CZ 718	8.3	12 32.92	+3.1254+.0248	-35 46 43.2	-20.022+.034	98.2	2
4116	CZ 720	6.3	12 33.86	+3.1250+.0246	-35 32 18.3	-20.022+.034	97.8	2
4117	CZ 728	8.8	12 42.23	+3.1251+.0244	-35 16 27.1	-20.021+.034	96.4	2
4118	CZ 733	7.0	12 44.43	+3.1050+.0158	-23 27 28.0	-20.021+.034	99.2	2
4119	CZ 768	8.9	13 26.46	+3.1069+.0159	-23 34 34.0	-20.018+.035	96.8	2
4120	CZ 771	8.5	13 28.47	+3.1208+.0214	-31 28 7.9	-20.017+.035	97.8	2
4121	CZ 779	8.4	13 35.44	+3.1172+.0199	-29 24 16.1	-20.017+.036	96.3	2
4122	CZ 790	8.0	13 46.23	+3.1243+.0224	-32 44 13.1	-20.016+.036	96.7	3
4123	CZ 797	7.9	13 52.06	+3.1256+.0228	-33 11 22.3	-20.015+.036	98.3	2
4124	CZ 810	9.0	14 8.04	+3.1267+.0229	-33 14 27.9	-20.014+.037	96.8	2
4125	CZ 814	9.0	14 16.86	+3.1313+.0244	-35 9 16.2	-20.013+.037	96.8	2
4126	CZ 815	7.8	14 18.65	+3.1249+.0219	-32 2 0.9	-20.013+.037	98.3	2
4127	CZ 835	6.8	14 43.30	+3.1149+.0177	-26 10 52.7	-20.011+.038	98.1	8
4128	CZ 845	8.2	14 50.91	+3.1385+.0263	-37 14 42.5	-20.010+.038	96.8	2
4129	CZ 848	9.0	14 53.39	+3.1132+.0170	-25 0 32.9	-20.010+.038	96.9	2
4130	GC 16820	6.2	15 0.09	+3.1074+.0148	-21 37 11.2	-20.009+.038	99.3	3
4131	CPD-35° 5280	9.2	15 19.69	+3.1364+.0248	-35 28 27.2	-20.007+.039	96.3	2
4132	CZ 872	8.4	15 20.47	+3.1241+.0204	-29 53 5.4	-20.007+.039	96.8	2
4133	ξ Corvi	5.3	15 22.92	+3.1082+.0148	-21 39 36.6	-20.007+.039	99.3	2
4134	CPD-35° 5283	8.6	15 29.19	+3.1375+.0250	-35 38 54.6	-20.006+.040	99.3	2
4135	CZ 919	8.6	16 2.25	+3.1368+.0240	-34 25 23.0	-20.003+.040	98.3	2
4136	CZ 925	8.0	16 9.95	+3.1253+.0200	-29 10 8.0	-20.002+.041	96.8	2
4137	CZ 927	8.2	16 15.38	+3.1361+.0235	-33 47 47.2	-20.002+.041	96.8	2
4138	CZ 928	8.7	16 16.17	+3.1273+.0205	-29 55 49.3	-20.002+.041	96.9	2
4139	CZ 971	8.8	16 48.79	+3.1309+.0211	-30 41 51.0	-19.998+.042	97.4	2
4140	CZ 973	8.2	16 50.62	+3.1326+.0217	-31 23 16.1	-19.998+.042	99.2	2
4141	CZ 974	8.2	16 51.83	+3.1167+.0165	-24 8 30.6	-19.998+.042	96.3	2
4142	CZ 976	8.0	16 53.49	+3.1415+.0245	-34 57 26.5	-19.998+.042	96.4	2
4143	CZ 984	9.6	17 1.76	+3.1390+.0235	-33 44 12.8	-19.997+.042	98.2	2
4144	CZ 1000	7.0	17 14.37	+3.1168+.0162	-23 40 53.6	-19.995+.043	99.3	2
4145	CZ 1009 <sup>1</sup>	9.4	17 22.42	+3.1385+.0230	-33 0 21.7	-19.994+.043	98.2	2
4146	CZ 1009 <sup>2</sup>	8.6	17 22.76	+3.1385+.0230	-33 0 22.3	-19.994+.043	98.2	2
4147	GC 16871	6.5	17 26.47	+3.1539+.0278	-38 37 8.4	-19.994+.044	96.8	2
4148	CZ 1018	8.2	17 36.55	+3.1405+.0234	-33 26 23.9	-19.993+.044	98.3	2
4149	CZ 1028	7.4	17 47.75	+3.1196+.0167	-24 19 5.2	-19.992+.044	99.3	2
4150	CZ 1034	8.0	12 17 58.31	+3.1514+.0264	-36 56 8.6	-19.990+.045	97.8	4

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4151	CZ 1038	9.0	12 18 2.10	+3.1432+.0237	-33 51 15.5	-19.990+.044	97.8	2
4152	Br 1659	5.8	18 8.87	+3.1204+.0167	-24 17 7.3	-19.989+.044	99.3	2
4153	L 5129	5.4	18 19.84	+3.1471+.0246	-34 51 29.6	-19.988+.045	96.3	3
4154	L 5131	6.3	18 33.25	+3.1346+.0206	-29 46 50.1	-19.986+.046	98.1	8
4155	CZ 1087	8.8	18 54.38	+3.1210+.0164	-23 41 22.0	-19.984+.046	96.3	2
4156	CZ 1128	9.0	19 23.35	+3.1371+.0206	-29 40 50.2	-19.980+.047	96.8	2
4157	CZ 1152	9.0	19 42.38	+3.1495+.0238	-33 46 49.8	-19.978+.048	96.4	1
4158	CZ 1166	7.0	20 1.84	+3.1282+.0176	-25 26 1.4	-19.976+.049	96.7	2
4159	CZ 1169	6.8	20 4.16	+3.1328+.0189	-27 11 41.9	-19.975+.048	99.2	2
4160	L 5142	5.8	20 5.49	+3.1536+.0246	-34 37 55.5	-19.975+.049	98.0	8
4161	CZ 1172	8.6	20 7.22	+3.1584+.0259	-36 9 42.2	-19.975+.049	99.3	2
4162	CZ 1176	9.6	20 9.24	+3.1511+.0238	-33 43 13.0	-19.975+.049	96.9	2
4163	CZ 1193	8.4	20 28.31	+3.1268+.0169	-24 22 48.3	-19.972+.049	97.0	3
4164	CZ 1196	8.8	20 30.46	+3.1285+.0174	-25 1 8.2	-19.972+.049	97.2	2
4165	CZ 1201	8.7	20 37.08	+3.1396+.0203	-29 6 50.9	-19.971+.049	<sup>{97.0}</sup> {97.3}	3, 2
4166	CZ 1223	8.6	21 0.51	+3.1480+.0222	-31 35 50.5	-19.968+.050	99.4	2
4167	CZ 1229	8.0	21 6.18	+3.1267+.0166	-23 43 2.1	-19.967+.050	96.4	2
4168	L 5154	5.7	21 35.40	+3.1521+.0228	-32 16 31.2	-19.963+.052	98.1	9
4169	CZ 1260	8.6	21 38.13	+3.1294+.0169	-24 13 21.0	-19.963+.052	96.4	2
4170	CZ 1276	9.0	21 52.62	+3.1466+.0211	-30 6 36.1	-19.961+.052	96.4	2
4171	CZ 1291	7.8	22 6.03	+3.1538+.0228	-32 13 24.2	-19.959+.053	98.2	2
4172	CZ 1293	8.0	22 11.59	+3.1419+.0197	-28 9 45.1	-19.958+.053	99.3	2
4173	CZ 1296	8.5	22 12.47	+3.1451+.0205	-29 13 46.6	-19.958+.053	96.3	2
4174	CPD-36° 5507	8.0	22 39.03	+3.1691+.0262	-36 9 12.5	-19.954+.054	99.3	2
4175	CZ 1343	8.8	22 59.52	+3.1756+.0275	-37 32 52.2	-19.951+.055	96.6	3
4176	L 5164	5.6	23 3.33	+3.1795+.0284	-38 29 14.8	-19.951+.055	98.1	9
4177	CZ 1378	7.9	23 34.32	+3.1777+.0274	-37 24 48.3	-19.946+.056	98.8	4
4178	CZ 1389	7.0	23 50.04	+3.1673+.0246	-34 16 50.5	-19.944+.056	97.3	2
4179	CZ 1395	9.0	23 54.60	+3.1563+.0220	-30 59 4.0	-19.943+.056	96.3	2
4180	CZ 1402	9.1	24 0.37	+3.1543+.0214	-30 16 39.8	-19.942+.057	96.3	2
4181	CZ 1428	8.6	24 34.72	+3.1740+.0256	-35 16 34.9	-19.937+.058	98.3	2
4182	CZ 1443	8.6	24 45.36	+3.1697+.0245	-33 56 46.5	-19.935+.058	99.3	2
4183	CZ 1445	8.7	24 46.35	+3.1611+.0225	-31 30 23.2	-19.935+.058	97.8	2
4184	CZ 1449	8.0	24 48.58	+3.1658+.0235	-32 46 32.8	-19.935+.058	97.8	2
4185	Pi 105	5.9	25 3.29	+3.1351+.0164	-23 8 37.0	-19.932+.058	99.2	2
4186	CZ 1471	8.6	25 18.76	+3.1785+.0260	-35 41 13.3	-19.930+.060	98.3	2
4187	CZ 1492	7.6	25 38.38	+3.1593+.0214	-30 7 28.8	-19.927+.060	99.3	2
4188	CZ 1526	8.9	26 16.86	+3.1725+.0239	-33 7 3.3	-19.920+.061	97.3	2
4189	CZ 1530	7.4	26 20.49	+3.1628+.0218	-30 25 46.3	-19.920+.061	99.3	3
4190	CZ 1539	8.8	26 29.12	+3.1879+.0271	-36 45 48.7	-19.918+.062	99.4	3
4191	CZ 1543	8.2	26 31.13	+3.1668+.0225	-31 21 55.6	-19.918+.062	97.8	2
4192	CZ 1552	8.0	26 38.30	+3.1700+.0231	-32 7 14.8	-19.917+.062	98.3	2
4193	CZ 1560	6.4	26 46.40	+3.1700+.0230	-31 58 50.9	-19.915+.062	98.3	2
4194	L 5192	7.6	26 53.64	+3.1525+.0192	-27 0 51.1	-19.914+.062	99.3	2
4195	CZ 1591	8.0	27 16.96	+3.1716+.0230	-31 54 44.2	-19.910+.063	96.3	2
4196	CZ 1595	7.8	27 22.17	+3.1425+.0169	-23 38 54.9	-19.909+.063	99.3	2
4197	CZ 1604	9.0	27 28.42	+3.1844+.0256	-34 55 47.7	-19.908+.064	96.3	2
4198	CZ 1610	7.0	27 32.86	+3.1633+.0211	-29 29 33.9	-19.907+.064	99.2	2
4199	CZ 1637	8.8	28 8.38	+3.1594+.0200	-27 53 47.8	-19.901+.065	96.3	2
4200	CZ 1640	8.8	12 28 10.80	+3.1748+.0231	-31 54 6.1	-19.901+.065	97.3	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4201	CZ 1661	8.4	12 28 32.08	+3.1612+.0201	-28 3 37.3	-19.897+.066	96.4	3
4202	CZ 1662	9.2	28 33.05	+3.1590+.0197	-27 27 13.3	-19.897+.066	96.4	1
4203	A 9982	8.3	28 33.22	+3.1431+.0166	-22 57 38.7	-19.897+.065	99.3	2
4204	CZ 1673	8.2	28 46.60	+3.1771+.0231	-31 56 11.7	-19.894+.066	99.3	2
4205	CZ 1681	7.4	28 49.76	+3.1438+.0166	-22 59 41.8	-19.894+.066	98.9	3
4206	CZ 1686	7.5	28 53.70	+3.1759+.0228	-31 32 30.1	-19.893+.067	99.3	2
4207	$\beta$ Corvi	2.8	29 8.00	+3.1441+.0165	-22 50 37.4	-19.890+.066	98.0	21
4208	CZ 1718	8.6	29 25.42	+3.1769+.0227	-31 19 9.5	-19.887+.068	96.7	3
4209	CZ 1725	8.7	29 32.80	+3.1857+.0244	-33 18 44.8	-19.886+.068	96.4	2
4210	CZ 1761	8.8	30 14.92	+3.1928+.0253	-34 19 37.6	-19.878+.070	96.8	2
4211	CZ 1774	8.8	30 37.09	+3.1866+.0238	-32 36 31.8	-19.873+.070	98.3	2
4212	CZ 1778	8.8	30 39.98	+3.1867+.0238	-32 33 37.8	-19.873+.070	98.4	1
4213	CZ 1789	8.7	30 45.42	+3.1992+.0262	-35 16 25.0	-19.872+.070	98.3	2
4214	CZ 1791	8.6	30 48.20	+3.1899+.0244	-33 11 43.0	-19.871+.071	96.4	2
4215	CZ 1792	8.8	30 48.67	+3.1821+.0229	-31 24 45.5	-19.871+.071	97.3	2
4216	CZ 1795	8.5	30 50.97	+3.1865+.0237	-32 23 3.7	-19.871+.071	98.3	2
4217	CZ 1821	8.8	31 21.15	+3.1568+.0180	-24 45 53.8	-19.865+.071	96.3	2
4218	A 10012	9.2	31 22.23	+3.1547+.0176	-24 11 35.0	-19.865+.071	96.8	2
4219	CZ 1825	7.7	31 30.97	+3.2005+.0259	-34 52 45.6	-19.863+.072	98.4	1
4220	CZ 1826	7.9	31 33.67	+3.1857+.0231	-31 37 28.5	-19.862+.072	98.4	2
4221	CZ 1847	8.0	31 53.48	+3.2004+.0256	-34 33 2.0	-19.858+.073	99.3	2
4222	CZ 1851	8.2	31 55.46	+3.1567+.0177	-24 20 32.6	-19.858+.072	96.3	2
4223	Pi 140	5.4	32 23.99	+3.1670+.0193	-26 35 9.6	-19.852+.074	97.7	9
4224	CZ 1900	8.8	32 58.38	+3.1843+.0221	-30 12 26.4	-19.845+.075	96.3	2
4225	CZ 1916	8.0	33 18.14	+3.2063+.0258	-34 36 51.8	-19.841+.076	96.3	3
4226	CZ 1917	8.6	33 18.82	+3.2143+.0273	-36 10 50.2	-19.841+.076	97.3	2
4227	CZ 1934	8.6	33 31.82	+3.1676+.0190	-25 58 3.6	-19.838+.076	96.4	3
4228	L 5229	6.0	33 44.10	+3.1853+.0219	-29 52 20.4	-19.835+.077	97.8	8
4229	CZ 1969	8.1	34 5.16	+3.1825+.0213	-28 59 13.6	-19.831+.077	99.3	2
4230	CZ 1980	9.2	34 12.88	+3.1591+.0173	-23 28 46.0	-19.829+.077	96.4	2
4231	CZ 1988	7.8	34 28.82	+3.1842+.0214	-29 6 23.1	-19.826+.078	96.3	2
4232	CZ 2012	8.0	34 52.12	+3.2271+.0285	-37 18 24.6	-19.820+.080	99.3	2
4233	CZ 2022	8.8	34 59.89	+3.1857+.0214	-29 3 56.2	-19.819+.079	96.3	2
4234	CZ 2027	8.6	35 5.34	+3.2078+.0250	-33 31 44.1	-19.818+.080	99.3	2
4235	CZ 2040	8.8	35 20.62	+3.2016+.0238	-32 7 4.8	-19.814+.080	97.8	2
4236	CZ 2065	7.1	35 54.88	+3.1807+.0201	-27 21 32.9	-19.806+.081	99.3	2
4237	CZ 2066	8.6	35 56.09	+3.2077+.0246	-32 53 42.9	-19.806+.081	97.3	2
4238	CZ 2101	8.6	36 36.08	+3.2106+.0247	-32 57 26.1	-19.797+.083	98.2	2
4239	CZ 2111	8.4	36 48.17	+3.2025+.0233	-31 16 10.8	-19.794+.083	97.8	2
4240	CZ 2134	8.4	37 7.51	+3.2373+.0288	-37 21 16.5	-19.790+.085	98.3	2
4241	CZ 2136	9.1	37 10.27	+3.2032+.0232	-31 9 40.1	-19.789+.084	96.3	2
4242	CZ 2142	9.0	37 16.85	+3.1694+.0179	-24 3 54.6	-19.787+.083	96.3	2
4243	CZ 2150	8.2	37 26.33	+3.2003+.0226	-30 23 54.1	-19.785+.084	99.3	2
4244	CZ 2154	9.1	37 32.83	+3.1749+.0186	-25 7 20.0	-19.784+.084	96.3	2
4245	CZ 2155	8.5	37 34.45	+3.2185+.0254	-33 44 49.6	-19.783+.085	99.3	2
4246	CZ 2164	9.2	37 45.07	+3.1978+.0221	-29 41 59.5	-19.781+.085	96.4	1
4247	CZ 2170	8.0	37 47.46	+3.1672+.0174	-23 17 36.4	-19.780+.084	96.3	2
4248	CZ 2172	8.5	37 49.12	+3.2291+.0270	-35 27 46.3	-19.780+.086	98.3	2
4249	CZ 2175	9.0	37 51.80	+3.1981+.0221	-29 41 52.4	-19.779+.085	96.4	2
4250	CZ 2177	8.6	12 37 54.49	+3.1840+.0199	-26 49 22.9	-19.778+.085	96.8	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4251	CZ 2178	7.5	12 37 54.88	+3.1728+.0182	-24 26 31.7	-19.778+.085	99.4	2
4252	CZ 2190	9.0	38 12.26	+3.2051+.0230	-30 50 13.9	-19.774+.086	96.3	2
4253	CZ 2192	7.5	38 13.28	+3.1798+.0191	-25 45 11.3	-19.774+.085	99.4	2
4254	CZ 2194	7.0	38 16.30	+3.2275+.0265	-34 51 56.9	-19.773+.087	98.3	2
4255	L 5258	8.1	38 22.51	+3.2415+.0287	-37 9 16.0	-19.772+.087	98.0	8
4256	CZ 2218	6.9	38 33.81	+3.2342+.0274	-35 48 3.9	-19.769+.087	98.3	2
4257	CZ 2219	8.4	38 34.97	+3.2271+.0263	-34 34 18.3	-19.769+.087	99.3	2
4258	Pi 168	5.7	38 40.61	+3.1910+.0206	-27 46 30.3	-19.767+.087	97.8	8
4259	CZ 2251	8.6	38 58.71	+3.1978+.0216	-28 57 0.6	-19.763+.087	96.8	2
4260	CZ 2259	9.0	39 5.52	+3.2356+.0273	-35 40 22.0	-19.761+.088	96.4	2
4261	CZ 2301	7.0	39 55.93	+3.1971+.0211	-28 13 7.0	-19.748+.089	99.3	2
4262	CZ 2306	7.5	40 2.21	+3.2472+.0286	-36 54 7.0	-19.747+.091	98.3	2
4263	CZ 2335	8.3	40 23.82	+3.1770+.0180	-23 59 21.5	-19.741+.090	96.3	2
4264	CZ 2346	9.2	40 34.04	+3.2160+.0236	-31 20 25.5	-19.739+.091	97.0	4
4265	CZ 2347	8.2	40 34.36	+3.2190+.0241	-31 51 18.2	-19.739+.091	97.4	2
4266	CZ 2358	8.4	40 41.77	+3.2158+.0235	-31 12 57.1	-19.737+.091	96.3	2
4267	CZ 2374	9.0	41 3.04	+3.1825+.0186	-24 44 27.4	-19.731+.091	96.8	2
4268	CZ 2370	9.0	41 3.21	+3.2173+.0236	-31 15 7.6	-19.731+.092	96.4	2
4269	CZ 2388	6.0	41 22.05	+3.2272+.0249	-32 46 4.2	-19.726+.093	96.3	2
4270	CZ 2468	7.0	42 30.49	+3.2360+.0256	-33 30 52.2	-19.708+.095	97.4	2
4271	CZ 2472	7.2	42 34.13	+3.1851+.0185	-24 28 6.2	-19.707+.094	99.3	2
4272	CZ 2475	6.5	42 34.62	+3.1842+.0184	-24 18 24.7	-19.707+.094	96.3	2
4273	CZ 2478	8.4	42 40.41	+3.2470+.0272	-35 9 34.2	-19.705+.096	96.3	2
4274	CZ 2488	7.5	42 54.29	+3.2268+.0242	-31 46 42.6	-19.702+.096	97.4	2
4275	L 5285	5.8	43 6.36	+3.2004+.0204	-27 3 0.0	-19.698+.096	99.3	2
4276	CZ 2515	8.0	43 25.29	+3.2590+.0285	-36 29 46.0	-19.693+.098	98.3	2
4277	CZ 2519	9.0	43 30.10	+3.2220+.0232	-30 36 40.5	-19.692+.097	96.8	2
4278	CZ 2523	8.8	43 32.05	+3.2223+.0233	-30 39 27.6	-19.691+.097	97.3	2
4279	CZ 2535	9.2	43 44.61	+3.1927+.0192	-25 19 4.8	-19.688+.097	96.8	2
4280	CZ 2563	8.1	44 6.21	+3.1906+.0188	-24 44 57.0	-19.682+.097	96.7	3
4281	CZ 2558	7.5	44 6.52	+3.2468+.0264	-34 14 46.9	-19.682+.099	98.3	2
4282	CZ 2578	9.2	44 19.78	+3.1909+.0188	-24 42 6.9	-19.678+.098	96.8	2
4283	CZ 2588	8.8	44 28.76	+3.2451+.0260	-33 45 41.5	-19.676+.100	97.3	2
4284	CZ 2589	8.2	44 29.65	+3.2399+.0253	-32 57 39.1	-19.675+.100	99.3	2
4285	CZ 2596	8.0	44 42.56	+3.2675+.0291	-36 56 10.5	-19.672+.101	98.3	2
4286	CZ 2605	8.4	44 48.41	+3.1954+.0192	-25 17 45.3	-19.670+.099	97.0	3
4287	CZ 2610	8.1	44 54.11	+3.2422+.0254	-33 3 54.6	-19.668+.100	98.2	2
4288	CPD-25° 5025	9.3	44 58.48	+3.1956+.0192	-25 14 46.8	-19.667+.099	97.2	1
4289	CZ 2619	7.8	45 0.05	+3.2235+.0228	-30 1 59.3	-19.667+.100	98.5	4
4290	CZ 2620	8.2	45 0.28	+3.1870+.0181	-23 40 12.8	-19.667+.099	97.4	3
4291	CZ 2624	8.7	45 7.65	+3.2726+.0296	-37 23 30.8	-19.665+.102	98.4	2
4292	L 5296	5.0	45 15.52	+3.2460+.0258	-33 27 15.1	-19.662+.101	98.0	8
4293	CZ 2658	9.2	45 45.07	+3.2608+.0276	-35 21 21.3	-19.654+.103	96.8	2
4294	CZ 2668	9.1	45 57.12	+3.2434+.0252	-32 39 36.6	-19.650+.103	96.8	2
4295	CZ 2673	9.0	46 3.76	+3.2491+.0259	-33 27 42.3	-19.648+.103	96.8	2
4296	CZ 2686	8.5	46 18.56	+3.2456+.0253	-32 48 4.1	-19.644+.103	96.4	2
4297	CZ 2700	7.3	46 26.38	+3.2322+.0235	-30 39 27.7	-19.642+.103	99.3	2
4298	CZ 2701	6.7	46 29.75	+3.2581+.0269	-34 32 19.4	-19.641+.104	98.2	2
4299	CZ 2708	6.8	46 37.19	+3.2056+.0200	-26 11 42.0	-19.639+.103	99.3	2
4300	CZ 2718	8.2	12 46 41.18	+3.2176+.0215	-28 11 7.2	-19.637+.103	96.4	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4301	A 10198	7.2	12 47 14.67	+3.1866+.0175	-22 35 33.7	-19.628+.104	99.3	2
4302	CZ 2746	8.2	47 26.38	+3.2666+.0276	-35 12 18.6	-19.624+.106	98.2	2
4303	CZ 2754	8.6	47 34.45	+3.2403+.0241	-31 18 49.6	-19.622+.106	97.4	2
4304	L 5312	4.3	47 53.78	+3.3025+.0322	-39 38 6.2	-19.616+.108	97.8	8
4305	CZ 2803	8.2	48 25.30	+3.2522+.0253	-32 37 37.0	-19.606+.108	98.3	2
4306	CZ 2828	8.1	48 52.91	+3.2195+.0211	-27 24 57.0	-19.598+.108	99.3	2
4307	GC 17551	9.1	48 53.41	+3.2195+.0211	-27 24 56.4	-19.598+.108	99.3	2
4308	CZ 2836	8.8	49 2.60	+3.2810+.0288	-36 16 7.2	-19.595+.110	98.2	2
4309	CZ 2844	9.2	49 10.94	+3.2298+.0222	-28 53 42.9	-19.592+.109	96.4	2
4310	CZ 2861	7.5	49 30.79	+3.2056+.0192	-24 53 4.8	-19.586+.109	96.3	3
4311	CZ 2871	9.3	49 42.77	+3.2717+.0273	-34 40 11.7	-19.582+.111	97.8	2
4312	CZ 2880	7.0	49 49.63	+3.2036+.0189	-24 24 46.8	-19.580+.109	96.3	2
4313	CZ 2895	7.4	50 7.52	+3.2370+.0228	-29 31 39.8	-19.574+.111	99.3	2
4314	CZ 2900	8.0	50 13.64	+3.2468+.0240	-30 55 14.6	-19.572+.111	99.3	1
4315	CZ 2901	8.4	50 14.74	+3.2625+.0259	-33 8 29.5	-19.572+.112	97.8	2
4316	CZ 2912	9.1	50 26.71	+3.2818+.0282	-35 37 4.8	-19.568+.113	96.3	2
4317	CZ 2917	7.0	50 35.88	+3.2482+.0240	-30 56 24.2	-19.565+.112	99.3	1
4318	L 5332	6.7	51 7.39	+3.2164+.0201	-25 55 5.2	-19.555+.112	97.8	8
4319	CZ 2956	8.3	51 10.10	+3.2746+.0271	-34 17 54.5	-19.554+.114	97.9	2
4320	CZ 2970	8.2	51 21.55	+3.2044+.0186	-23 54 33.2	-19.551+.112	96.3	2
4321	CZ 2978	8.6	51 29.18	+3.2716+.0266	-33 44 29.6	-19.548+.115	98.3	2
4322	CZ 2989	8.2	51 42.31	+3.2059+.0187	-24 0 47.4	-19.544+.113	96.3	3
4323	GC 17619	7.8	51 50.57	+3.1916+.0171	-21 37 49.4	-19.541+.113	99.3	2
4324	CZ 2999	8.2	52 0.76	+3.2652+.0256	-32 36 49.6	-19.538+.115	97.8	2
4325	CZ 3008	8.0	52 9.78	+3.2594+.0248	-31 45 31.6	-19.535+.116	97.9	2
4326	GC 17628	6.5	52 13.10	+3.1960+.0175	-22 12 44.3	-19.534+.114	99.3	2
4327	CZ 3026	8.7	52 25.53	+3.2951+.0290	-36 15 29.1	-19.530+.117	99.3	2
4328	GC 17645	7.1	52 49.89	+3.1993+.0177	-22 30 51.0	-19.522+.115	99.3	2
4329	CZ 3058	8.5	52 52.04	+3.2658+.0253	-32 17 0.6	-19.521+.117	97.4	2
4330	CZ 3065	8.6	52 58.36	+3.2528+.0238	-30 27 32.0	-19.519+.117	96.4	2
4331	CZ 3070	7.0	53 10.24	+3.2939+.0286	-35 44 5.1	-19.515+.119	97.8	2
4332	CZ 3080	8.6	53 24.24	+3.2721+.0259	-32 51 0.7	-19.510+.118	97.3	2
4333	CZ 3086	7.2	53 31.43	+3.2474+.0230	-29 27 30.3	-19.508+.118	99.3	2
4334	CZ 3119	8.4	54 0.14	+3.2453+.0226	-28 56 13.3	-19.498+.119	96.4	2
4335	CZ 3120	9.0	54 3.86	+3.2924+.0280	-35 6 37.9	-19.497+.120	97.4	2
4336	CZ 3138	9.0	54 21.36	+3.2249+.0202	-25 51 11.8	-19.491+.119	96.4	1
4337	CZ 3143	8.5	54 31.16	+3.2992+.0287	-35 42 47.9	-19.487+.122	97.8	2
4338	CZ 3144	7.0	54 31.67	+3.2986+.0286	-35 38 31.0	-19.487+.122	96.3	4, 3
4339	CZ 3149	8.8	54 38.92	+3.2734+.0256	-32 26 3.7	-19.485+.121	97.4	2
4340	CZ 3153	8.1	54 43.14	+3.2665+.0248	-31 30 11.7	-19.483+.121	99.3	2
4341	CZ 3165	7.4	54 51.42	+3.2097+.0184	-23 22 27.6	-19.480+.119	99.3	2
4342	CZ 3171	8.0	55 1.29	+3.2667+.0247	-31 23 20.7	-19.477+.122	98.2	2
4343	L 5357	6.2	55 4.02	+3.2790+.0261	-32 57 48.6	-19.476+.122	96.4	2
4344	CZ 3178	6.5	55 5.65	+3.2756+.0257	-32 30 37.3	-19.475+.122	97.3	2
4345	CZ 3182	8.3	55 8.48	+3.2846+.0267	-33 38 1.4	-19.474+.122	98.3	2
4346	CPD-35° 5591	8.6	55 25.69	+3.3056+.0290	-36 1 41.9	-19.468+.124	99.4	2
4347	CZ 3214	8.8	55 33.22	+3.2818+.0263	-33 5 6.7	-19.466+.123	97.2	1
4348	CZ 3216	7.8	55 33.73	+3.2818+.0263	-33 5 2.9	-19.466+.123	96.7	3
4349	CZ 3219	8.4	55 36.42	+3.2808+.0261	-32 56 25.0	-19.465+.123	96.4	2
4350	CZ 3243	8.2	12 56 5.27	+3.2365+.0211	-26 49 48.3	-19.455+.123	96.6	3



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4351	CZ 3240	8.4	12 56 5.31	+3.2753+.0253	-32 1 14.9	-19.455+.124	98.2	2
4352	CZ 3247	7.0	56 13.59	+3.2182+.0191	-24 7 38.1	-19.452+.122	96.3	2
4353	CZ 3252	8.5	56 19.85	+3.3054+.0287	-35 34 33.0	-19.449+.125	99.3	2
4354	CZ 3256	7.4	56 20.75	+3.2628+.0239	-30 17 39.4	-19.449+.124	99.3	2
4355	CZ 3289	7.0	56 57.35	+3.2457+.0218	-27 44 55.0	-19.436+.125	99.4	3, 2
4356	CZ 3290	8.4	56 57.38	+3.2348+.0207	-26 14 34.7	-19.436+.124	96.4	2
4357	CZ 3293	7.1	56 59.19	+3.2530+.0226	-28 43 39.4	-19.435+.125	97.8	8
4358	CZ 3310	8.6	57 19.19	+3.2375+.0209	-26 28 20.1	-19.428+.125	96.8	2
4359	GC 17739	8.8	57 20.47	+3.2480+.0220	-27 54 4.2	-19.428+.126	96.9	2
4360	CZ 3315	8.8	57 25.34	+3.3108+.0289	-35 41 34.1	-19.426+.128	96.4	2
4361	CZ 3321	7.8	57 31.27	+3.2946+.0270	-33 45 16.1	-19.424+.127	98.2	2
4362	CZ 3343	7.5	57 56.11	+3.2590+.0230	-29 7 35.1	-19.415+.127	96.4	2
4363	CZ 3345	8.4	58 0.19	+3.2607+.0232	-29 19 16.8	-19.413+.127	96.4	2
4364	L 5376	7.2	58 14.91	+3.2970+.0270	-33 42 47.1	-19.408+.129	97.8	8
4365	Paris 16057	5.7	58 24.61	+3.1957+.0164	-20 2 47.2	-19.404+.126	97.0	3
4366	CZ 3367	8.0	58 27.91	+3.2319+.0200	-25 15 53.7	-19.403+.127	96.3	2
4367	CZ 3373	7.6	58 32.84	+3.2230+.0191	-23 58 51.7	-19.401+.127	99.3	2
4368	CZ 3381	9.0	58 41.18	+3.2761+.0246	-30 59 34.5	-19.398+.129	96.3	2
4369	CZ 3392	7.4	58 57.65	+3.2526+.0221	-27 52 5.3	-19.392+.129	99.3	2
4370	CZ 3420	8.2	59 20.71	+3.2916+.0261	-32 36 2.2	-19.384+.131	97.3	2
4371	CZ 3426	8.8	59 26.19	+3.3309+.0304	-36 59 16.9	-19.382+.133	99.3	2
4372	CZ 3437	9.1	59 37.72	+3.2686+.0235	-29 39 39.3	-19.377+.131	96.4	2
4373	CZ 3444	8.8	59 44.87	+3.2563+.0222	-28 2 54.2	-19.375+.130	96.4	2
4374	CZ 3445	8.0	12 59 45.08	+3.2558+.0222	-27 58 50.7	-19.374+.130	96.4	2
4375	A 10335	7.4	13 0 13.94	+3.2098+.0174	-21 32 4.8	-19.364+.129	99.3	2, 1
4376	CZ 3471	8.0	0 14.57	+3.3121+.0280	-34 34 33.5	-19.363+.133	97.4	2
4377	CZ 3490	9.0	0 28.85	+3.2824+.0247	-31 1 27.1	-19.358+.132	96.3	2
4378	CZ 3518	9.3	0 59.89	+3.2926+.0256	-32 0 52.6	-19.346+.134	97.4	2
4379	CZ 3525	7.0	1 8.28	+3.2851+.0248	-31 4 31.7	-19.343+.134	99.3	2
4380	CZ 3536	8.8	1 19.48	+3.3392+.0305	-37 0 52.2	-19.339+.137	97.3	2
4381	L 5400	5.6	1 20.14	+3.3233+.0288	-35 19 30.1	-19.338+.136	97.4	2
4382	CZ 1	9.0	1 24.12	+3.3414+.0307	-37 12 24.1	-19.337+.137	96.4	2
4383	CZ 3	7.5	1 25.91	+3.3078+.0271	-33 35 3.1	-19.336+.136	96.4	3
4384	CZ 19	8.8	1 46.12	+3.2866+.0248	-30 59 57.1	-19.328+.136	96.4	2
4385	CZ 44	9.0	2 4.14	+3.2953+.0256	-31 53 35.5	-19.321+.137	97.8	2
4386	CZ 54	8.0	2 9.68	+3.2786+.0239	-29 53 59.0	-19.319+.136	96.4	2
4387	CZ 71	8.3	2 36.70	+3.3250+.0285	-34 58 3.6	-19.308+.139	98.2	2
4388	CZ 80	7.2	2 48.11	+3.3326+.0293	-35 41 26.2	-19.304+.140	98.3	2
4389	CZ 84	8.5	2 50.97	+3.3131+.0272	-33 35 3.6	-19.303+.139	99.3	2
4390	CZ 98	8.6	3 6.17	+3.2614+.0219	-27 26 17.2	-19.297+.137	96.3	2
4391	CZ 108	7.5	3 16.86	+3.2296+.0188	-23 17 17.2	-19.293+.136	96.3	2
4392	GC 17881	7.0	3 16.91	+3.2242+.0183	-22 34 16.7	-19.293+.136	99.3	2
4393	CZ 115	8.4	3 27.00	+3.3174+.0275	-33 48 49.9	-19.288+.140	97.3	2
4394	CZ 117	7.8	3 28.56	+3.3098+.0267	-32 58 3.7	-19.288+.140	98.3	2
4395	ψ Hydrae	5.1	3 40.00	+3.2252+.0184	-22 35 0.5	-19.283+.137	97.9	8
4396	CPD -35° 5642	8.1	4 8.73	+3.3374+.0293	-35 37 38.6	-19.272+.142	99.3	2
4397	CZ 156	8.0	4 13.47	+3.3413+.0297	-35 59 56.3	-19.270+.143	98.2	2
4398	Lal 24423	7.8	4 18.53	+3.2197+.0177	-21 39 0.0	-19.268+.138	99.4	2
4399	CZ 190	8.3	4 47.12	+3.3266+.0280	-34 14 47.3	-19.256+.143	99.3	2
4400	CZ 193	8.5	13 4 47.66	+3.3082+.0261	-32 16 18.7	-19.256+.143	99.3	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4401	CZ 197	8.3	13 4 54.94	+3.3064+.0259	-32 1 26.4	-19.253+.143	97.4	2
4402	Lal 24444	8.0	4 57.04	+3.2321+.0188	-23 5 30.2	-19.252+.140	99.4	3
4403	CZ 210	8.5	5 5.77	+3.2502+.0204	-25 21 22.8	-19.249+.141	96.3	1
4404	CZ 212	8.6	5 8.26	+3.3362+.0288	-35 6 27.3	-19.248+.144	96.4	3
4405	CZ 238	8.0	5 24.26	+3.2374+.0192	-23 38 45.5	-19.241+.141	96.3	2
4406	CZ 253	8.6	5 46.43	+3.2964+.0247	-30 35 17.6	-19.232+.144	96.4	2
4407	CZ 258	8.8	5 46.94	+3.2765+.0228	-28 18 3.0	-19.232+.143	96.2	1
4408	CZ 263	6.9	5 55.79	+3.3343+.0284	-34 35 51.4	-19.228+.146	98.3	2
4409	CZ 278	9.2	6 10.35	+3.2774+.0228	-28 15 44.2	-19.222+.144	96.4	2
4410	L 5428	6.5	6 12.82	+3.2586+.0210	-26 1 12.1	-19.221+.144	98.0	8
4411	CZ 286	8.4	6 22.94	+3.3114+.0260	-32 0 32.4	-19.217+.146	98.3	2
4412	L 5429	4.9	6 28.54	+3.3637+.0312	-37 16 22.6	-19.215+.148	98.0	8
4413	CZ 331	7.9	6 59.02	+3.3346+.0281	-34 12 33.1	-19.202+.148	98.3	2
4414	L 5438	7.8	7 13.77	+3.3080+.0254	-31 20 1.4	-19.195+.148	99.3	2
4415	CZ 358	8.0	7 24.86	+3.2982+.0244	-30 11 6.8	-19.191+.148	99.3	2
4416	GC 17967	9.4	7 29.14	+3.2840+.0231	-28 34 8.2	-19.189+.147	99.3	2
4417	CZ 364	8.2	7 29.33	+3.2840+.0231	-28 34 9.5	-19.189+.147	99.3	2
4418	CZ 366	8.6	7 35.65	+3.3428+.0287	-34 48 21.3	-19.186+.150	97.8	2
4419	CZ 405	8.0	8 13.88	+3.3387+.0281	-34 8 39.5	-19.170+.151	99.3	2
4420	CZ 410	8.8	8 17.51	+3.2640+.0211	-25 59 0.3	-19.168+.148	96.3	2
4421	CZ 421	9.1	8 32.25	+3.3162+.0258	-31 43 25.0	-19.162+.151	97.4	2
4422	CZ 419	8.2	8 33.76	+3.4114+.0353	-40 40 52.0	-19.161+.155	96.4	2
4423	CZ 424	9.0	8 35.36	+3.3401+.0281	-34 9 20.2	-19.161+.152	98.3	2
4424	CZ 436	7.8	8 49.31	+3.3487+.0289	-34 54 33.3	-19.155+.152	98.3	2
4425	CZ 458	6.8	9 2.40	+3.2473+.0194	-23 45 17.4	-19.149+.149	99.3	2
4426	CZ 475	7.2	9 18.92	+3.3423+.0281	-34 6 6.5	-19.142+.153	97.3	2
4427	CZ 488	6.0	9 32.26	+3.3612+.0299	-35 50 29.2	-19.136+.154	98.3	2
4428	CZ 491	8.0	9 33.27	+3.3002+.0241	-29 39 6.4	-19.136+.152	99.3	2
4429	CZ 493	8.3	9 35.57	+3.3728+.0310	-36 53 45.6	-19.135+.155	99.3	2
4430	CZ 495	7.5	9 40.33	+3.3388+.0277	-33 37 25.8	-19.133+.154	98.2	2
4431	CZ 510	9.0	9 52.63	+3.3046+.0244	-30 1 39.6	-19.127+.153	96.4	2
4432	CZ 603	8.2	11 18.14	+3.3495+.0282	-34 4 12.3	-19.089+.158	97.3	2
4433	L 5466	5.4	11 19.74	+3.3185+.0253	-30 58 37.0	-19.089+.156	97.8	8
4434	CZ 609	7.5	11 20.86	+3.3097+.0245	-30 3 50.2	-19.088+.156	99.3	2
4435	CZ 648	7.7	11 59.18	+3.3782+.0307	-36 29 20.8	-19.071+.160	98.3	3
4436	CZ 669	8.6	12 20.98	+3.3412+.0272	-32 53 39.2	-19.061+.159	98.3	2
4437	GC 18094	8.8	12 27.02	+3.2559+.0196	-23 47 34.0	-19.058+.156	96.4	2
4438	CZ 681	8.2	12 32.59	+3.3149+.0247	-30 12 19.6	-19.056+.158	96.4	2
4439	CZ 705	7.0	12 53.51	+3.2932+.0227	-27 48 13.2	-19.046+.158	99.3	2
4440	CZ 745	7.9	13 27.34	+3.2991+.0231	-28 15 31.2	-19.031+.160	99.3	2
4441	CZ 740	9.0	13 27.51	+3.3917+.0315	-37 8 27.2	-19.031+.164	97.3	2
4442	$\gamma$ Hydrae	3.3	13 29.02	+3.2485+.0188	-22 38 38.3	-19.030+.157	97.8	8
4443	CZ 749	8.5	13 30.80	+3.2668+.0204	-24 43 31.9	-19.029+.158	96.4	2
4444	CZ 814	8.1	14 53.46	+3.3528+.0275	-33 7 58.8	-18.991+.165	98.4	2
4445	CZ 824	8.7	14 57.74	+3.2889+.0220	-26 43 9.2	-18.989+.162	96.4	2
4446	$\epsilon$ Centauri	2.9	14 58.51	+3.3869+.0306	-36 11 5.6	-18.989+.167	98.0	11
4447	CZ 843	8.0	15 19.11	+3.2580+.0194	-23 14 15.7	-18.979+.161	96.4	2
4448	CZ 861	7.0	15 37.44	+3.2651+.0199	-23 56 44.6	-18.970+.162	99.4	2
4449	A 10494	7.7	15 37.53	+3.2465+.0184	-21 51 30.1	-18.970+.161	99.3	2
4450	A 10497	7.3	13 15 57.71	+3.2509+.0187	-22 16 14.0	-18.961+.162	99.3	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4451	CZ 882	8.7	13 16 2.60	+3.3706+.0288	-34 22 21.5	-18.958+.168	96.4	2
4452	CZ 887	8.6	16 3.63	+3.2703+.0202	-24 24 21.9	-18.958+.163	96.4	3
4453	CZ 894	8.0	16 10.34	+3.3848+.0300	-35 35 16.6	-18.955+.169	97.3	2, 1
4454	CZ 926	8.6	16 44.67	+3.3456+.0264	-31 50 27.0	-18.938+.168	97.8	2
4455	CZ 927	8.8	16 46.48	+3.3628+.0279	-33 25 40.1	-18.937+.169	98.3	2
4456	CZ 942	7.2	16 59.20	+3.2812+.0210	-25 19 3.3	-18.931+.166	99.4	2
4457	CZ 966	6.5	17 31.69	+3.3572+.0272	-32 40 1.3	-18.916+.170	98.3	2
4458	CZ 997	8.3	17 51.93	+3.2723+.0201	-24 7 57.3	-18.906+.167	96.4	3
4459	CZ 1026	9.6	18 23.23	+3.3871+.0296	-35 2 1.4	-18.891+.174	97.3	2
4460	CZ 1034	8.6	18 32.47	+3.3958+.0303	-35 43 17.8	-18.886+.174	96.4	2
4461	CZ 1063	8.9	19 1.53	+3.3765+.0285	-33 54 50.9	-18.872+.174	98.3	2
4462	CZ 1068	8.0	19 5.36	+3.3569+.0268	-32 8 51.5	-18.870+.173	98.3	2
4463	CZ 1071	8.2	19 8.82	+3.3793+.0287	-34 6 50.1	-18.868+.175	98.4	2
4464	CZ 1073	8.4	19 9.44	+3.3754+.0284	-33 46 6.8	-18.868+.175	98.4	2
4465	CZ 1075	8.8	19 11.49	+3.3660+.0275	-32 55 38.0	-18.867+.174	98.9	2
4466	CZ 1138	7.0	20 17.76	+3.3887+.0292	-34 33 18.0	-18.834+.178	98.3	2
4467	CZ 1148	7.2	20 31.10	+3.3604+.0267	-32 1 35.3	-18.827+.177	98.3	2
4468	CZ 1168	7.6	20 47.43	+3.3780+.0282	-33 29 5.8	-18.819+.178	96.3	3
4469	CZ 1191	8.6	21 13.42	+3.2771+.0200	-23 46 17.5	-18.806+.174	96.4	3
4470	CZ 1211	8.5	21 36.65	+3.2780+.0200	-23 46 8.6	-18.794+.175	96.3	2
4471	CZ 1251	8.6	22 14.95	+3.4033+.0299	-35 9 0.5	-18.775+.182	97.8	2
4472	CZ 1269	6.8	22 30.75	+3.3012+.0216	-25 53 1.1	-18.766+.177	99.3	2
4473	A 10563	7.8	22 36.70	+3.3564+.0259	-31 2 0.4	-18.763+.180	96.4	2
4474	CZ 1284	9.2	22 50.06	+3.4061+.0300	-35 11 46.4	-18.757+.184	96.4	2
4475	CZ 1290	8.4	22 56.00	+3.3796+.0278	-32 57 46.9	-18.754+.182	99.3	2
4476	Pi 87	7.4	22 56.89	+3.2904+.0207	-24 41 40.9	-18.753+.178	97.9	8
4477	CZ 1293	7.5	22 59.86	+3.3128+.0224	-26 52 47.1	-18.751+.179	97.1	4
4478	CZ 1315	8.4	23 24.38	+3.4091+.0301	-35 15 25.5	-18.739+.185	98.3	2
4479	CZ 1333	8.0	23 40.50	+3.4076+.0299	-35 3 4.5	-18.730+.185	98.3	2
4480	R Hydrae	6.6	24 14.79	+3.2743+.0194	-22 45 52.4	-18.713+.179	98.0	8
4481	CZ 1370	8.6	24 17.02	+3.3770+.0272	-32 20 19.9	-18.711+.185	97.8	2
4482	CZ 1424	8.1	25 0.62	+3.2797+.0196	-23 7 58.8	-18.688+.181	99.3	2
4483	CZ 1431	8.6	25 11.43	+3.3950+.0284	-33 34 20.8	-18.683+.188	98.3	2
4484	L 5569	4.0	25 14.63	+3.4646+.0342	-38 53 28.0	-18.681+.191	97.9	8
4485	CZ 1450	9.0	25 30.16	+3.4290+.0312	-36 10 16.0	-18.673+.190	96.4	2
4486	CZ 1459	7.7	25 36.06	+3.3016+.0211	-25 8 25.4	-18.670+.184	99.4	2
4487	CZ 1471	7.6	25 56.10	+3.3742+.0266	-31 37 29.4	-18.659+.188	99.3	2
4488	CZ 1477	6.7	25 59.67	+3.3287+.0231	-27 34 50.6	-18.657+.186	99.4	2
4489	CZ 1497	7.5	26 20.36	+3.3083+.0215	-25 35 58.4	-18.646+.185	96.4	2
4490	CZ 1510	8.5	26 34.52	+3.3897+.0277	-32 44 2.4	-18.638+.190	98.3	2
4491	CZ 1515	8.5	26 37.94	+3.3080+.0215	-25 29 31.7	-18.636+.186	96.4	2
4492	Pi 112	6.6	26 59.06	+3.3478+.0244	-29 3 3.3	-18.625+.189	97.9	8
4493	L 5580	5.7	27 1.65	+3.3382+.0236	-28 10 39.3	-18.624+.188	98.0	8
4494	CZ 1535	8.4	27 4.78	+3.4374+.0314	-36 20 24.8	-18.622+.194	96.8	2
4495	CZ 1552	7.0	27 21.55	+3.3161+.0219	-26 4 25.2	-18.613+.188	99.3	2
4496	CZ 1575	9.0	27 38.71	+3.3431+.0239	-28 27 26.7	-18.604+.190	97.0	3
4497	CZ 1624	8.3	28 28.61	+3.4066+.0286	-33 33 20.6	-18.576+.195	98.3	2
4498	CZ 1630	7.8	28 32.86	+3.4109+.0289	-33 52 27.5	-18.574+.195	96.4	2
4499	CPD-26° 5009	9.5	28 40.76	+3.3244+.0223	-26 30 46.2	-18.570+.191	96.4	1
4500	CZ 1656	9.0	13 28 55.06	+3.3303+.0227	-26 59 22.7	-18.562+.191	96.4	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4501	CZ 1657	8.1	13 28 59.33	+3.4095+.0287	-33 38 31.2	-18.559+.196	96.4	2
4502	CZ 1662	6.9	29 2.69	+3.3990+.0279	-32 47 52.0	-18.557+.195	97.4	2
4503	CZ 1693	7.5	29 32.75	+3.3871+.0268	-31 41 56.5	-18.541+.196	96.3	2
4504	CZ 1696	9.0	29 33.28	+3.3079+.0210	-24 47 29.3	-18.541+.191	96.4	2
4505	CZ 1711	8.0	29 46.90	+3.4106+.0286	-33 30 19.7	-18.533+.197	97.8	2
4506	CZ 1723	8.9	29 57.39	+3.3958+.0274	-32 17 19.2	-18.527+.197	98.0	3
4507	GC 1849I	7.3	30 4.18	+3.2745+.0187	-21 30 42.3	-18.523+.190	99.3	2
4508	CZ 1732	7.2	30 5.92	+3.3910+.0270	-31 51 41.2	-18.522+.197	98.3	2, 3
4509	CZ 1777	7.8	31 5.84	+3.3947+.0271	-31 53 32.4	-18.489+.199	$\left\{ \begin{smallmatrix} 97.8 \\ 98.0 \end{smallmatrix} \right\}$	2, 3
4510	CZ 1778	6.5	31 7.03	+3.4212+.0291	-33 57 22.8	-18.488+.201	99.4	2
4511	CZ 1786	8.3	31 12.98	+3.4574+.0319	-36 35 19.3	-18.485+.203	98.2	2
4512	CZ 1792	7.1	31 15.29	+3.3254+.0220	-25 59 16.2	-18.483+.196	97.0	5
4513	Pi 135	5.5	31 15.48	+3.3254+.0220	-25 59 6.0	-18.483+.196	97.7	9
4514	CZ 1811	7.8	31 31.64	+3.3392+.0229	-27 8 25.4	-18.474+.197	96.4	2
4515	CZ 1814	9.6	31 36.94	+3.4396+.0304	-35 11 40.2	-18.471+.203	96.4	2
4516	CZ 1823	7.8	31 40.43	+3.2948+.0198	-23 6 16.4	-18.469+.195	99.4	2
4517	CZ 1824	9.0	31 42.71	+3.3693+.0251	-29 39 49.7	-18.468+.199	96.4	2
4518	CZ 1825	8.6	31 45.25	+3.4521+.0313	-36 3 43.7	-18.466+.204	98.4	2
4519	CZ 1828	8.0	31 50.07	+3.4316+.0297	-34 32 19.4	-18.464+.203	98.4	2
4520	CZ 1841	8.2	31 57.77	+3.3971+.0271	-31 50 59.4	-18.459+.201	99.3	2
4521	CZ 1850	8.1	32 3.83	+3.4327+.0297	-34 33 17.5	-18.456+.203	98.4	2
4522	CZ 1874	8.8	32 29.96	+3.3973+.0270	-31 43 45.4	-18.441+.202	97.4	2
4523	CZ 1882	9.0	32 40.29	+3.4453+.0306	-35 18 50.2	-18.435+.205	98.3	1, 2
4524	Pi 143	7.2	32 45.39	+3.3685+.0248	-29 19 47.2	-18.432+.201	99.4	2
4525	Pi 146	5.8	33 4.84	+3.3661+.0246	-29 3 0.3	-18.421+.202	96.4	2
4526	CZ 1910	7.0	33 8.03	+3.4107+.0278	-32 36 7.8	-18.419+.204	97.8	2
4527	CZ 1930	7.8	33 29.52	+3.3128+.0208	-24 21 13.1	-18.407+.199	99.3	2
4528	CZ 1934	8.9	33 36.09	+3.4419+.0301	-34 48 38.1	-18.403+.207	96.4	2
4529	CZ 1940	8.0	33 38.80	+3.4548+.0310	-35 43 58.4	-18.401+.208	97.8	2
4530	CZ 1957	8.8	33 55.75	+3.4779+.0328	-37 15 31.1	-18.391+.210	99.4	2
4531	CZ 1983	8.6	34 19.95	+3.3452+.0229	-27 0 0.2	-18.377+.203	96.3	2
4532	CZ 1993	7.1	34 33.27	+3.3467+.0230	-27 4 12.4	-18.370+.203	99.4	2
4533	CZ 2003	8.0	34 46.01	+3.4330+.0291	-33 51 3.7	-18.362+.209	97.4	2
4534	CZ 2033	7.5	35 17.37	+3.4363+.0292	-33 57 9.8	-18.344+.210	97.4	2
4535	CZ 2037	8.0	35 22.98	+3.3751+.0248	-29 13 27.5	-18.340+.207	99.3	2
4536	CZ 2051	8.5	35 36.04	+3.3779+.0250	-29 24 18.3	-18.333+.207	96.4	2
4537	CZ 2059	9.2	35 41.72	+3.3909+.0259	-30 24 35.3	-18.329+.208	96.4	2
4538	CZ 2074	7.2	35 52.33	+3.3379+.0222	-26 1 31.4	-18.323+.205	99.4	2
4539	CZ 2085	7.0	35 59.62	+3.3029+.0199	-22 56 38.4	-18.319+.204	99.4	2
4540	CZ 2082	9.0	36 0.91	+3.4294+.0286	-33 15 34.8	-18.318+.211	96.4	2
4541	CZ 2083	6.9	36 1.67	+3.4272+.0284	-33 5 31.1	-18.317+.211	99.4	2
4542	CPD-32° 3460	9.0	36 5.04	+3.4225+.0280	-32 43 55.8	-18.315+.211	96.4	2
4543	CZ 2110	9.3	36 32.50	+3.4246+.0281	-32 46 20.7	-18.299+.212	96.4	2
4544	CZ 2116	8.3	36 35.96	+3.4344+.0288	-33 28 28.5	-18.297+.213	97.4	2
4545	CZ 2115	8.0	36 36.00	+3.4344+.0288	-33 28 32.6	-18.297+.213	97.4	2
4546	CZ 2129	9.0	36 45.92	+3.4857+.0326	-37 0 51.1	-18.291+.216	97.4	3
4547	CZ 2152	8.2	37 6.89	+3.4184+.0275	-32 9 54.1	-18.279+.213	98.3	2
4548	CZ 2154	9.0	37 9.13	+3.4997+.0336	-37 49 52.2	-18.277+.218	96.4	1
4549	CZ 2157	9.0	37 13.70	+3.5195+.0351	-39 4 39.4	-18.274+.219	96.4	1
4550	CZ 2165	7.2	13 37 21.38	+3.3867+.0253	-29 40 42.2	-18.270+.211	99.3	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4551	CZ 2169	7.5	13 37 25.99	+3.4557+.0302	-34 47 9.3	-18.267+.216	97.8	3
4552	CZ 2212	9.4	38 2.85	+3.4283+.0280	-32 39 47.3	-18.245+.215	96.4	2
4553	CZ 2220	8.6	38 13.52	+3.4590+.0302	-34 48 51.5	-18.238+.217	98.3	2
4554	CZ 2226	8.9	38 17.18	+3.3592+.0232	-27 15 46.8	-18.236+.211	96.4	2
4555	CZ 2233	9.0	38 25.71	+3.4780+.0316	-36 3 21.0	-18.231+.219	97.4	2
4556	CZ 2280	6.5	39 11.61	+3.3341+.0215	-24 59 52.4	-18.203+.212	99.4	2
4557	CZ 2283	9.0	39 14.52	+3.3763+.0242	-28 25 22.7	-18.201+.214	96.4	2
4558	CZ 2299	8.4	39 31.84	+3.4348+.0282	-32 46 17.7	-18.191+.218	98.3	2
4559	CZ 2311	7.2	39 40.35	+3.4733+.0309	-35 25 19.8	-18.185+.221	98.4	2
4560	CZ 2327	8.4	39 58.94	+3.4572+.0297	-34 14 34.5	-18.174+.221	99.4	2
4561	Br 1803	4.4	40 0.28	+3.4332+.0280	-32 32 16.8	-18.173+.219	97.5	9
4562	Pi 180	5.8	40 1.98	+3.3436+.0220	-25 36 50.8	-18.172+.214	98.0	8
4563	CZ 2370	8.6	40 23.43	+3.4649+.0302	-34 40 16.3	-18.159+.222	97.8	2
4564	CZ 2386	8.0	40 43.14	+3.4457+.0287	-33 16 21.9	-18.147+.221	98.4	2
4565	CZ 2399	8.5	40 56.02	+3.4853+.0315	-35 54 11.7	-18.139+.224	98.4	1
4566	L 5676	5.2	41 6.52	+3.4836+.0313	-35 45 3.5	-18.132+.225	98.4	2
4567	CPD-35° 5960	8.5	41 52.84	+3.4920+.0317	-36 6 19.3	-18.103+.227	99.3	2
4568	CZ 2452	8.8	42 0.46	+3.4983+.0322	-36 28 55.8	-18.098+.227	98.3	2
4569	CZ 2479	9.0	42 25.84	+3.4301+.0273	-31 44 19.9	-18.082+.224	97.3	2
4570	L 5680	7.0	42 49.56	+3.5038+.0324	-36 37 43.0	-18.068+.229	97.9	8
4571	CZ 2525	6.8	43 9.68	+3.4830+.0308	-35 12 2.7	-18.055+.229	97.3	4
4572	CZ 2541	8.8	43 16.71	+3.4209+.0265	-30 52 42.7	-18.050+.225	96.4	2
4573	CZ 2543	7.8	43 17.76	+3.4118+.0259	-30 12 44.6	-18.050+.224	99.3	2
4574	CZ 2548	8.1	43 23.07	+3.3809+.0239	-27 52 4.1	-18.046+.222	99.4	2
4575	CPD-27° 4793	8.7	43 28.64	+3.3812+.0239	-27 52 28.2	-18.043+.223	99.4	1
4576	$\nu$ Centauri	3.5	43 30.29	+3.5832+.0379	-41 11 22.0	-18.042+.236	97.9	8
4577	CZ 2565	8.3	43 35.74	+3.4566+.0289	-33 19 31.5	-18.038+.228	99.4	2
4578	Br 1807	4.4	43 39.02	+3.4660+.0295	-33 57 5.4	-18.036+.228	97.7	10
4579	CZ 2582	7.5	43 50.70	+3.4996+.0318	-36 6 32.2	-18.029+.231	98.4	2
4580	CZ 2613	9.3	44 13.15	+3.3394+.0212	-24 25 47.5	-18.014+.222	96.4	2
4581	CZ 2609	8.0	44 14.29	+3.4421+.0277	-32 10 5.0	-18.013+.228	98.3	2
4582	CZ 2614	8.0	44 14.93	+3.3810+.0237	-27 41 19.6	-18.013+.224	97.6	5
4583	CZ 2617	8.8	44 20.73	+3.3812+.0237	-27 41 13.8	-18.009+.224	97.9	2
4584	CZ 2623	6.8	44 26.30	+3.3933+.0245	-28 35 2.5	-18.006+.225	99.3	2
4585	CZ 2633	7.6	44 38.12	+3.4208+.0263	-30 34 11.7	-17.998+.228	99.4	2
4586	CZ 2636	8.5	44 40.86	+3.4510+.0282	-32 40 54.4	-17.996+.230	99.4	2
4587	CZ 2645	7.0	44 56.83	+3.4237+.0264	-30 42 32.5	-17.986+.228	99.4	2
4588	CZ 2650	9.0	44 57.04	+3.3555+.0220	-25 34 9.0	-17.986+.224	96.4	2
4589	Anon	9.3	45 1.58	+3.4057+.0252	-29 22 42.3	-17.983+.227	99.4	1
4590	CZ 2655	7.8	45 1.94	+3.4057+.0252	-29 22 41.4	-17.983+.227	99.4	2
4591	CZ 2657	9.1	45 2.90	+3.3555+.0220	-25 33 17.8	-17.982+.224	96.4	2
4592	CZ 2663	8.6	45 8.44	+3.4247+.0264	-30 44 1.4	-17.979+.229	96.4	2
4593	CZ 2683	8.7	45 19.58	+3.3849+.0238	-27 45 47.8	-17.971+.226	96.8	2
4594	CZ 2697	7.8	45 33.09	+3.5187+.0327	-36 53 47.0	-17.963+.236	96.4	2
4595	GC 18826	7.2	45 45.42	+3.5042+.0317	-35 56 6.1	-17.955+.235	99.3	2
4596	CZ 2717	7.0	45 49.87	+3.3365+.0208	-23 53 12.2	-17.952+.224	99.4	2, 1
4597	CZ 2721	7.4	45 56.98	+3.4284+.0265	-30 49 19.2	-17.947+.230	96.4	2
4598	Br 1814	4.7	46 3.16	+3.4529+.0281	-32 29 53.6	-17.943+.232	97.6	9
4599	Pi 217	6.5	46 3.88	+3.4529+.0281	-32 29 56.4	-17.943+.232	97.4	2
4600	CZ 2730	9.0	13 46 4.30	+3.5084+.0319	-36 7 36.6	-17.942+.236	96.4	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4601	L 5712	6.6	13 46 16.54	+3.4337+.0268	-31 7 23.0	-17.935+.232	99.4	2
4602	CZ 2758	8.8	46 23.56	+3.4341+.0268	-31 7 33.6	-17.930+.232	99.4	1
4603	CZ 2769	7.9	46 34.43	+3.4229+.0260	-30 17 26.9	-17.923+.231	99.3	2
4604	CZ 2768	8.2	46 35.92	+3.5138+.0322	-36 20 27.5	-17.922+.237	98.3	2
4605	CZ 2813	8.5	47 24.42	+3.4817+.0298	-34 6 45.1	-17.890+.237	98.3	2
4606	Br 1817	4.8	47 27.09	+3.4419+.0271	-31 26 1.6	-17.888+.234	97.8	8
4607	CZ 2831	8.2	47 38.38	+3.4828+.0298	-34 7 31.3	-17.881+.237	98.3	2
4608	L 5726	5.6	47 41.94	+3.4992+.0309	-35 10 14.6	-17.878+.239	96.4	2
4609	CZ 2846	8.0	47 52.47	+3.4843+.0298	-34 10 17.0	-17.872+.238	98.4	2, 3
4610	CZ 2857	7.0	48 3.48	+3.4950+.0305	-34 49 10.1	-17.864+.239	96.7	3
4611	CZ 2861	8.5	48 3.73	+3.3717+.0226	-26 12 50.7	-17.864+.231	96.4	2
4612	CZ 2864	8.0	48 6.85	+3.4205+.0256	-29 47 26.5	-17.862+.234	96.4	2
4613	GC 18877	7.2	48 16.32	+3.5207+.0322	-36 22 17.5	-17.856+.241	99.4	3
4614	CZ 2885	9.5	48 21.14	+3.3474+.0211	-24 16 59.5	-17.853+.230	96.4	2
4615	CZ 2898	7.0	48 34.33	+3.4531+.0276	-31 57 8.8	-17.844+.237	98.3	2
4616	CZ 2900	7.0	48 34.99	+3.4004+.0243	-28 15 1.6	-17.843+.234	99.4	2
4617	Pi 230	6.6	48 36.92	+3.3982+.0242	-28 4 31.5	-17.842+.234	97.8	8
4618	CZ 2912	7.5	48 49.23	+3.4866+.0298	-34 6 12.3	-17.834+.240	98.4	2
4619	GC 18895	7.0	48 58.72	+3.3169+.0193	-21 45 2.5	-17.827+.229	99.4	2
4620	CZ 2942	8.0	49 16.76	+3.4541+.0276	-31 51 57.2	-17.815+.238	98.3	2
4621	CZ 2955*	8.0	49 30.11	+3.4510+.0273	-31 36 28.4	-17.807+.240	99.3	2
4622	CZ 2979	8.5	49 51.12	+3.4616+.0280	-32 14 46.2	-17.792+.240	98.4	2
4623	GC 18918	6.6	49 59.48	+3.4406+.0266	-30 47 41.0	-17.787+.239	99.4	2
4624	CZ 2994	8.9	50 8.29	+3.4458+.0269	-31 7 3.3	-17.781+.240	96.4	2
4625	CZ 2996	7.8	50 9.96	+3.4309+.0260	-30 5 16.1	-17.780+.238	99.4	2
4626	CZ 2997	8.8	50 11.58	+3.4630+.0280	-32 15 52.3	-17.779+.241	97.4	2
4627	CZ 3010	8.9	50 22.43	+3.4808+.0291	-33 23 8.3	-17.771+.242	97.9	2
4628	CZ 3020	8.8	50 32.23	+3.5008+.0304	-34 36 50.5	-17.765+.244	97.4	2
4629	CZ 3041	7.5	50 50.85	+3.3915+.0234	-27 8 54.7	-17.752+.237	99.4	2
4630	CZ 3054	8.4	51 12.86	+3.3928+.0235	-27 10 14.1	-17.737+.238	99.4	2
4631	CZ 3056	7.5	51 17.21	+3.5002+.0302	-34 24 51.4	-17.734+.246	98.0	2
4632	Lal 25622	7.6	51 25.01	+3.3329+.0200	-22 36 49.8	-17.729+.234	99.3	2
4633	CZ 3071	8.6	51 26.59	+3.5380+.0326	-36 40 35.2	-17.728+.248	96.4	2
4634	CZ 3080	8.0	51 29.49	+3.3500+.0209	-23 55 29.4	-17.726+.236	99.4	2
4635	CZ 3084	7.5	51 35.36	+3.4073+.0243	-28 8 47.5	-17.722+.240	99.4	2
4636	CZ 3093	8.9	51 43.86	+3.4096+.0244	-28 16 48.9	-17.716+.240	96.4	2
4637	CZ 3095	9.1	51 48.14	+3.4516+.0270	-31 9 49.0	-17.713+.243	96.3	2
4638	GC 18955	6.3	51 53.65	+3.3329+.0199	-22 32 2.8	-17.709+.235	99.4	2
4639	CZ 3122	8.8	52 13.73	+3.4887+.0292	-33 29 22.5	-17.695+.247	97.8	2
4640	CZ 3124	7.8	52 17.13	+3.4955+.0296	-33 54 22.4	-17.693+.247	98.3	2
4641	CZ 3129	6.5	52 20.23	+3.3730+.0222	-25 30 36.8	-17.691+.239	96.4	2
4642	CZ 3135	7.1	52 26.29	+3.4255+.0252	-29 15 19.4	-17.687+.243	99.4	2
4643	CZ 3154	8.1	52 46.12	+3.4972+.0296	-33 54 32.3	-17.673+.248	98.3	2
4644	CZ 3159	8.3	52 50.00	+3.4910+.0292	-33 30 19.1	-17.671+.248	96.4	3
4645	CZ 3163	9.2	52 53.69	+3.4463+.0264	-30 34 41.5	-17.668+.245	96.4	2
4646	Br 1825	5.2	52 54.39	+3.3606+.0214	-24 29 2.8	-17.668+.239	97.6	8
4647	CZ 3174	8.8	53 5.93	+3.3841+.0227	-26 11 0.3	-17.660+.241	96.4	2
4648	CZ 3175	8.5	53 12.07	+3.5522+.0332	-37 6 32.3	-17.655+.253	98.3	2
4649	CZ 3187	8.0	53 14.55	+3.4339+.0256	-29 40 12.5	-17.654+.245	96.4	2
4650	CZ 3213	8.4	13 53 53.21	+3.4874+.0288	-33 3 10.4	-17.627+.250	99.3	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
4651	CZ 3241	8.2	13 54 19.77	+3.5254+.0312	-35 17 33.5	-17.608+.253	97.8	2
4652	Br 1827	5.8	54 24.00	+3.3646+.0214	-24 31 20.8	-17.605+.242	99.4	2
4653	CZ 3247	8.5	54 24.93	+3.5535+.0330	-36 54 45.8	-17.605+.256	98.3	2
4654	CZ 3255	8.0	54 30.92	+3.5302+.0314	-35 32 4.8	-17.601+.254	97.9	2
4655	CZ 3260	8.5	54 35.17	+3.5265+.0312	-35 18 0.4	-17.598+.254	97.8	4
4656	CZ 3263	8.9	54 35.70	+3.5406+.0321	-36 7 50.7	-17.597+.255	96.4	2
4657	CZ 3277	8.8	54 42.58	+3.5087+.0300	-34 11 55.4	-17.592+.253	97.4	2
4658	CZ 3290	7.1	54 56.84	+3.3831+.0224	-25 46 37.4	-17.582+.244	96.3	2
4659	CZ 3297	9.3	55 8.48	+3.4571+.0267	-30 50 47.7	-17.574+.250	96.4	2
4660	CZ 3296	7.6	55 10.38	+3.5576+.0331	-36 59 4.6	-17.573+.257	98.3	2
4661	CZ 3302	6.3	55 16.56	+3.6084+.0364	-39 44 14.9	-17.569+.261	96.4	3
4662	CZ 3307	8.2	55 24.84	+3.5562+.0329	-36 50 49.5	-17.563+.258	98.3	2
4663	CZ 3337	8.7	55 45.68	+3.3518+.0206	-23 20 6.8	-17.548+.244	99.4	1
4664	Yarn 5893	7.0	56 26.96	+3.5400+.0316	-35 41 47.0	-17.519+.258	99.3	1
4665	CZ 3389	9.2	56 39.30	+3.5342+.0312	-35 18 43.0	-17.510+.258	97.3	2
4666	Pi 274	5.7	56 41.43	+3.4040+.0234	-26 56 49.4	-17.509+.249	96.3	2
4667	CZ 3391	9.2	56 44.03	+3.5357+.0313	-35 23 6.0	-17.507+.259	97.4	2
4668	CZ 3403	7.7	56 57.78	+3.3964+.0229	-26 21 54.5	-17.497+.249	99.4	3
4669	CZ 3404	8.2	57 0.73	+3.5250+.0306	-34 41 56.7	-17.495+.258	98.3	2
4670	CZ 3415	7.0	57 13.25	+3.4691+.0271	-31 12 15.2	-17.486+.255	99.4	2
4671	CZ 3414	8.2	57 13.30	+3.5150+.0299	-34 3 29.5	-17.486+.258	97.9	2
4672	CZ 3429	8.5	57 28.73	+3.4978+.0288	-32 57 43.5	-17.475+.258	98.4	2
4673	CZ 3434	9.0	57 38.23	+3.5493+.0320	-35 58 55.4	-17.468+.262	98.4	1
4674	CZ 3470	8.8	58 6.84	+3.5656+.0329	-36 48 7.2	-17.448+.264	98.3	2
4675	CZ 3472	8.0	58 9.05	+3.5654+.0329	-36 46 56.4	-17.446+.264	98.3	2
4676	GC 19077	7.0	58 18.35	+3.3385+.0196	-21 56 26.9	-17.439+.248	99.3	2
4677	CPD-21° 5702	8.9	58 22.84	+3.3413+.0197	-22 8 9.0	-17.436+.248	99.4	1
4678	CZ 3503	8.2	58 41.62	+3.5388+.0311	-35 9 53.1	-17.422+.263	97.3	2
4679	CZ 3507	7.3	58 42.14	+3.4333+.0248	-28 34 56.2	-17.422+.255	99.4	2
4680	CZ 3506	8.5	58 43.84	+3.5075+.0291	-33 17 41.7	-17.421+.260	98.3	2
4681	CZ 3548	8.6	59 21.46	+3.4270+.0243	-28 2 15.1	-17.394+.256	96.4	2
4682	Lal 25830	7.4	59 30.74	+3.3437+.0198	-22 8 33.3	-17.387+.251	99.4	2
4683	CZ 3562	8.5	59 33.04	+3.5578+.0321	-36 3 57.5	-17.385+.266	96.4	2
4684	CZ 3563	8.2	59 33.55	+3.4922+.0280	-32 11 50.6	-17.385+.261	98.4	2
4685	CZ 3586	8.7	59 55.60	+3.5102+.0291	-33 13 2.6	-17.369+.263	98.4	2
4686	χ Centauri	4.5	59 56.39	+3.6474+.0378	-40 42 0.7	-17.368+.273	97.7	8
4687	CZ 3585	7.6	13 59 57.18	+3.5808+.0332	-37 15 2.5	-17.368+.268	99.4	2
4688	CZ 3610	8.2	14 0 18.08	+3.5537+.0316	-35 40 38.9	-17.352+.266	98.9	2
4689	Lal 25861	7.6	0 32.72	+3.3752+.0213	-24 15 44.4	-17.342+.253	96.4	2
4690	CZ 3635	7.8	0 35.38	+3.5328+.0303	-34 25 15.3	-17.340+.266	98.4	2
4691	CZ 3643	8.0	0 37.51	+3.4017+.0227	-26 6 2.3	-17.338+.256	96.4	2
4692	π Hydrae	3.5	0 40.50	+3.4033+.0228	-26 12 2.1	-17.336+.257	97.6	8
4693	θ Centauri	2.3	0 47.84	+3.5591+.0319	-35 52 39.9	-17.331+.268	97.6	11
4694	GC 19142	7.5	1 12.07	+3.5452+.0309	-35 0 53.5	-17.313+.268	99.4	2
4695	CZ 3697	7.5	1 18.88	+3.4771+.0269	-30 55 23.2	-17.308+.263	99.4	2
4696	CZ 6	8.6	1 33.52	+3.4808+.0270	-31 6 40.0	-17.297+.264	96.4	2
4697	CZ 32	8.2	1 52.23	+3.5381+.0304	-34 28 22.1	-17.283+.269	98.3	2
4698	CZ 60	8.3	2 17.34	+3.3836+.0215	-24 34 5.2	-17.265+.258	96.4	2, 3
4699	CZ 59	8.4	2 19.26	+3.5026+.0282	-32 17 46.6	-17.263+.267	98.4	2
4700	CZ 70	8.3	14 2 28.95	+3.5135+.0288	-32 55 2.4	-17.256+.268	97.4	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
4701	CZ 73	7.5	14	2	29.79	+3.5078+	.0284	-32	34	38.0	-17.255+	.268	98.3	2
4702	CZ 93	8.4		2	51.26	+3.4084+	.0228	-26	10	37.3	-17.240+	.261	99.4	2
4703	CZ 121	8.9		3	17.68	+3.5113+	.0285	-32	37	58.4	-17.220+	.269	97.8	2
4704	CZ 124	9.0		3	17.79	+3.4778+	.0266	-30	36	2.4	-17.220+	.267	96.4	2
4705	CZ 127	8.2		3	20.18	+3.4176+	.0232	-26	43	12.4	-17.218+	.262	96.4	2
4706	CZ 138	8.8		3	24.05	+3.4178+	.0232	-26	43	8.9	-17.215+	.263	96.4	2
4707	CZ 137	8.6		3	25.90	+3.5258+	.0293	-33	27	33.0	-17.214+	.271	98.3	2
4708	GC 19186	8.5		3	29.66	+3.5426+	.0303	-34	24	27.0	-17.211+	.272	99.4	2
4709	CZ 195	6.1		4	24.73	+3.4738+	.0262	-30	8	50.0	-17.169+	.269	97.5	8
4710	CZ 212	8.0		4	32.40	+3.3940+	.0218	-24	55	38.9	-17.164+	.263	99.4	2
4711	CZ 213	7.5		4	35.51	+3.4658+	.0257	-29	36	53.8	-17.161+	.268	99.4	2
4712	CZ 216	8.0		4	41.33	+3.5180+	.0286	-32	45	46.8	-17.157+	.273	98.3	2
4713	GC 19212	6.6		5	0.68	+3.4995+	.0275	-31	36	13.7	-17.142+	.272	99.4	2
4714	CZ 249	7.6		5	13.11	+3.4402+	.0242	-27	52	47.2	-17.133+	.268	99.4	2
4715	CZ 251	8.0		5	14.27	+3.3944+	.0218	-24	50	54.9	-17.132+	.264	96.4	2
4716	CZ 273	8.0		5	37.47	+3.5029+	.0276	-31	41	49.0	-17.114+	.273	98.3	2
4717	CZ 322 <sup>1*</sup>	9.3		6	17.17	+3.4514+	.0246	-28	25	14.9	-17.084+	.271	96.4	2, 3
4718	CZ 322 <sup>2*</sup>	9.0		6	17.48	+3.4514+	.0246	-28	25	11.4	-17.084+	.271	96.4	2, 3
4719	CZ 332	8.6		6	29.57	+3.5660+	.0311	-35	8	15.2	-17.075+	.280	99.4	2
4720	CZ 353	6.8		6	44.95	+3.3838+	.0211	-23	53	34.7	-17.063+	.266	99.4	2
4721	CZ 362	8.6		6	58.55	+3.5209+	.0284	-32	30	13.8	-17.052+	.277	99.4	2
4722	Br 1837	5.2		7	2.15	+3.4280+	.0233	-26	47	26.4	-17.050+	.270	97.4	8
4723	CZ 379	8.2		7	15.11	+3.4018+	.0219	-25	2	4.5	-17.040+	.268	96.4	2
4724	CZ 380	8.5		7	19.14	+3.5323+	.0290	-33	5	58.4	-17.037+	.279	97.4	4
4725	CZ 385	8.2		7	22.71	+3.5314+	.0289	-33	2	22.6	-17.034+	.279	98.3	2
4726	CZ 392	8.0		7	29.37	+3.5320+	.0289	-33	2	53.7	-17.029+	.279	98.3	2
4727	Br 1840	6.8		7	30.07	+3.4192+	.0228	-26	8	32.1	-17.028+	.270	99.4	2
4728	CZ 410	7.5		7	46.23	+3.5894+	.0322	-36	9	6.5	-17.016+	.284	98.4	2
4729	CZ 427	8.0		8	2.77	+3.5083+	.0275	-31	34	41.8	-17.003+	.278	96.4	2
4730	CZ 449	8.0		8	34.84	+3.5640+	.0306	-34	37	55.4	-16.978+	.284	97.9	2
4731	CZ 465	8.6		8	43.20	+3.4636+	.0250	-28	46	16.4	-16.972+	.276	96.4	2, 3
4732	CZ 466	8.7		8	43.60	+3.4636+	.0250	-28	45	59.3	-16.971+	.276	96.4	2, 3
4733	CZ 464	9.3		8	46.42	+3.5865+	.0318	-35	48	23.4	-16.969+	.286	98.3	2
4734	CZ 479	7.1		8	52.64	+3.4939+	.0266	-30	34	57.4	-16.964+	.279	99.4	2
4735	CZ 478	7.8		8	52.77	+3.5064+	.0272	-31	19	5.5	-16.964+	.280	97.4	2
4736	CZ 488	8.0		8	57.36	+3.4407+	.0237	-27	17	38.3	-16.961+	.275	99.4	2
4737	CZ 493	8.6		9	2.15	+3.5158+	.0277	-31	50	12.3	-16.957+	.281	97.4	2
4738	L 5869	6.0		9	13.72	+3.4657+	.0250	-28	48	53.7	-16.948+	.277	99.4	3
4739	CZ 564	8.7		10	8.48	+3.5568+	.0298	-33	57	10.5	-16.905+	.286	98.0	2
4740	CZ 578	8.8		10	18.99	+3.5306+	.0284	-32	27	41.4	-16.897+	.284	98.4	1
4741	L 5872	6.6		10	23.10	+3.5364+	.0287	-32	46	34.8	-16.894+	.285	97.4	2
4742	CZ 584	7.7		10	25.98	+3.5158+	.0275	-31	35	30.7	-16.891+	.283	99.4	2
4743	CZ 601	8.0		10	44.35	+3.5697+	.0305	-34	32	36.5	-16.877+	.288	97.9	2
4744	A 11083	8.2		11	36.37	+3.3562+	.0193	-21	19	22.8	-16.836+	.273	99.4	2
4745	CZ 667	7.6		11	49.63	+3.4352+	.0231	-26	29	43.2	-16.825+	.280	99.4	2
4746	A 11091	7.2		12	5.50	+3.3577+	.0193	-21	21	56.1	-16.813+	.274	99.4	2
4747	CZ 683	10		12	11.53	+3.6026+	.0320	-36	0	50.4	-16.808+	.294	96.4	2
4748	L 5883	6.4		12	28.64	+3.5427+	.0286	-32	45	25.2	-16.794+	.289	97.5	8
4749	CZ 716	8.9		12	38.58	+3.4253+	.0225	-25	44	49.8	-16.786+	.280	96.4	2
4750	CZ 719	8.4	14	12	46.86	+3.6216+	.0330	-36	52	5.4	-16.780+	.296	99.4	2

4717-8 Mean 17°33, 12°8, 96°4, 2 obs.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4751	L 5892	5.9	14 13 20.36	+3.4210+.0222	-25 21 51.2	-16.753+.281	96.4	2
4752	GC 19363	6.0	13 20.91	+3.6172+.0326	-36 32 27.9	-16.753+.297	99.4	2
4753	CZ 767	6.9	13 21.94	+3.4419+.0232	-26 40 48.0	-16.752+.283	99.4	2
4754	A 11103	7.8	13 27.21	+3.3771+.0201	-22 29 30.9	-16.747+.278	99.4	2
4755	CZ 778	8.0	13 41.05	+3.6155+.0324	-36 23 47.3	-16.736+.297	98.3	2
4756	CZ 790	9.0	13 55.11	+3.6162+.0324	-36 23 32.2	-16.725+.298	98.3	1
4757	CPD-34° 6057	8.2	14 16.94	+3.5890+.0308	-34 55 48.4	-16.707+.296	99.4	2
4758	CZ 822	7.5	14 21.42	+3.4592+.0239	-27 35 18.7	-16.704+.286	96.4	2
4759	ψ Centauri	4.2	14 28.41	+3.6391+.0336	-37 25 31.8	-16.698+.301	97.4	8
4760	CZ 839	8.2	14 38.39	+3.5766+.0301	-34 13 4.9	-16.690+.296	98.4	2
4761	CZ 843	8.3	14 41.79	+3.5954+.0311	-35 11 18.0	-16.687+.298	98.4	2
4762	CZ 857	8.0	14 54.66	+3.4039+.0212	-24 2 49.9	-16.677+.282	99.4	2
4763	CZ 902	8.8	15 39.10	+3.5255+.0272	-31 15 53.4	-16.641+.294	96.4	2
4764	CZ 917	8.0	15 55.09	+3.4512+.0233	-26 51 49.4	-16.628+.288	96.4	2
4765	CZ 932	7.5	16 14.23	+3.4683+.0241	-27 51 2.9	-16.612+.290	99.4	2
4766	CZ 941	9.2	16 19.77	+3.5267+.0271	-31 12 53.8	-16.608+.295	96.4	2
4767	L 5907	7.2	16 19.94	+3.5843+.0302	-34 19 47.6	-16.608+.300	98.3	2
4768	CZ 959	8.2	16 37.29	+3.5283+.0271	-31 15 21.9	-16.593+.296	96.4	2
4769	CZ 964	9.0	16 42.12	+3.5559+.0286	-32 45 43.8	-16.589+.298	96.4	2
4770	L 5911	4.6	16 52.43	+3.6827+.0356	-39 3 19.0	-16.581+.309	97.6	9
4771	GC 19448	7.6	16 55.90	+3.4449+.0229	-26 19 49.2	-16.578+.290	99.4	2
4772	CZ 994	8.6	17 8.11	+3.6045+.0311	-35 13 42.9	-16.568+.303	99.4	2
4773	Br 1857	4.9	17 19.97	+3.4618+.0237	-27 17 41.8	-16.558+.292	97.4	8
4774	CZ 1030	8.9	17 35.61	+3.6413+.0331	-36 58 32.9	-16.546+.307	99.4	2
4775	CZ 1038	8.2	17 37.76	+3.4636+.0237	-27 21 35.1	-16.544+.292	99.4	2
4776	CZ 1066	7.0	18 4.55	+3.4965+.0253	-29 13 16.8	-16.522+.296	99.4	2
4777	CZ 1076	8.5	18 11.17	+3.4638+.0237	-27 17 30.9	-16.516+.293	96.4	2
4778	CZ 1080	7.2	18 17.51	+3.5584+.0284	-32 37 56.5	-16.511+.301	98.3	2
4779	CZ 1087	8.6	18 26.41	+3.5569+.0283	-32 31 37.0	-16.504+.302	98.3	2
4780	CZ 1110	9.1	18 51.25	+3.5261+.0267	-30 46 34.9	-16.483+.300	96.4	2
4781	CZ 1112	7.8	18 54.99	+3.6464+.0331	-36 59 34.8	-16.480+.310	98.4	2
4782	Pi 68	5.4	19 6.18	+3.4178+.0214	-24 21 9.0	-16.471+.291	97.4	8
4783	CZ 1138	9.0	19 21.96	+3.6512+.0333	-37 8 33.1	-16.457+.311	96.4	2
4784	CZ 1147	7.5	19 24.58	+3.4734+.0240	-27 40 39.2	-16.455+.297	99.4	2
4785	CZ 1156	8.0	19 33.55	+3.5602+.0283	-32 31 10.9	-16.448+.304	98.3	2
4786	CZ 1164	7.2	19 37.34	+3.4870+.0246	-28 26 27.6	-16.445+.298	99.4	2
4787	CZ 1172	9.3	19 44.67	+3.4672+.0236	-27 15 30.9	-16.439+.296	96.4	3
4788	Pi 78	7.2	20 1.31	+3.4534+.0230	-26 23 55.1	-16.425+.296	99.4	2
4789	CZ 1209	9.5	20 26.90	+3.6324+.0320	-36 2 41.2	-16.403+.311	96.4	2
4790	CZ 1213	7.3	20 29.28	+3.5683+.0286	-32 47 56.1	-16.401+.306	97.4	2
4791	CZ 1224	9.0	20 36.37	+3.4115+.0210	-23 45 39.2	-16.395+.293	96.4	2
4792	CZ 1239	8.8	20 51.85	+3.4555+.0230	-26 24 22.4	-16.382+.297	99.4	2
4793	CZ 1260	8.9	21 6.25	+3.4487+.0226	-25 57 58.3	-16.370+.297	96.4	2
4794	CZ 1276	9.0	21 27.04	+3.4524+.0227	-26 8 15.7	-16.353+.298	96.4	2
4795	CZ 1273	7.0	21 28.18	+3.6144+.0308	-34 59 44.9	-16.352+.312	97.9	2
4796	CZ 1284	8.2	21 43.21	+3.6114+.0306	-34 48 12.0	-16.339+.312	98.4	2
4797	CZ 1290	8.8	21 47.57	+3.6361+.0319	-36 0 11.8	-16.335+.314	99.4	2
4798	A 11185	8.0	21 54.74	+3.3790+.0194	-21 32 33.3	-16.329+.293	99.4	2
4799	Br 1862	5.0	22 18.92	+3.5046+.0251	-29 2 32.6	-16.309+.304	97.4	8
4800	CZ 1326	9.0	14 22 19.10	+3.5350+.0266	-30 43 30.6	-16.309+.307	96.4	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4801	CZ 1328	8.8	14 22 21.06	+3.5859+.0292	-33 24 43.7	-16.307+.311	99.4	2
4802	CZ 1352	8.6	22 43.89	+3.5776+.0287	-32 56 25.1	-16.287+.311	98.3	2
4803	CZ 1360	8.9	22 48.74	+3.5470+.0271	-31 17 55.7	-16.283+.309	96.4	2
4804	CZ 1382	7.0	23 18.47	+3.5005+.0248	-28 40 0.7	-16.258+.306	99.4	2
4805	CZ 1390	8.1	23 26.52	+3.6541+.0325	-36 35 30.8	-16.251+.319	98.4	2
4806	CZ 1421	7.7	23 45.35	+3.4481+.0223	-25 33 59.9	-16.235+.302	99.4	2
4807	CZ 1432	8.9	24 6.13	+3.5780+.0284	-32 43 45.4	-16.217+.314	97.4	2
4808	CZ 1451	8.5	24 15.09	+3.5872+.0289	-33 10 23.7	-16.210+.315	97.4	2
4809	CZ 1477	8.0	24 44.63	+3.5078+.0249	-28 51 54.1	-16.184+.309	99.4	2
4810	CZ 1478	8.8	24 48.64	+3.6464+.0318	-35 59 58.9	-16.181+.321	96.4	2
4811	CZ 1497	7.6	24 57.23	+3.4648+.0229	-26 23 26.6	-16.173+.305	99.4	2
4812	A 11226	7.2	25 0.34	+3.3924+.0197	-22 0 57.2	-16.171+.299	99.4	2
4813	CZ 1507	8.3	25 10.53	+3.6112+.0300	-34 14 11.3	-16.162+.318	97.5	1
4814	CZ 1518	7.8	25 15.86	+3.4396+.0217	-24 52 12.7	-16.157+.304	99.4	2
4815	CZ 1523	8.4	25 27.04	+3.6258+.0306	-34 54 30.0	-16.148+.320	97.5	2
4816	CZ 1537	9.0	25 41.96	+3.4622+.0227	-26 8 31.0	-16.135+.306	96.4	2
4817	CZ 1547	8.9	25 55.76	+3.5696+.0277	-32 0 34.0	-16.123+.316	97.9	2
4818	CZ 1549	9.2	25 56.75	+3.5523+.0269	-31 6 24.2	-16.122+.315	96.4	2
4819	CZ 1554	8.0	26 2.54	+3.5647+.0275	-31 44 31.7	-16.117+.316	97.4	2
4820	CZ 1577	8.2	26 16.58	+3.4831+.0235	-27 15 48.0	-16.105+.309	96.4	3
4821	CZ 1583	9.0	26 22.41	+3.6097+.0296	-33 58 16.1	-16.100+.320	97.4	2
4822	CZ 1591	7.5	26 24.42	+3.4674+.0228	-26 20 26.6	-16.098+.308	99.4	2
4823	CZ 1593	7.5	26 25.45	+3.4112+.0204	-23 0 12.5	-16.097+.303	99.4	2
4824	CZ 1628	8.0	26 52.43	+3.4243+.0209	-23 44 44.1	-16.073+.305	96.4	2
4825	CZ 1629	8.5	26 57.29	+3.5812+.0281	-32 27 14.3	-16.069+.319	98.4	2
4826	CZ 1635	9.3	27 5.73	+3.6177+.0299	-34 15 20.4	-16.062+.322	97.8	3
4827	CZ 1640	8.8	27 7.96	+3.6183+.0300	-34 16 37.8	-16.060+.322	97.5	1
4828	CZ 1652	6.2	27 13.96	+3.5402+.0261	-30 16 20.5	-16.055+.316	99.4	2
4829	CZ 1668	7.5	27 26.47	+3.4227+.0208	-23 34 39.7	-16.044+.306	96.4	2
4830	CZ 1664	7.0	27 26.86	+3.5910+.0285	-32 52 29.9	-16.043+.321	97.5	2
4831	CZ 1706	8.6	28 3.39	+3.4294+.0210	-23 54 20.3	-16.011+.308	96.4	2
4832	CZ 1708	7.0	28 7.57	+3.5664+.0272	-31 31 0.7	-16.008+.320	97.4	2
4833	CZ 1728	8.3	28 23.42	+3.6200+.0298	-34 9 58.9	-15.994+.325	97.4	2
4834	CZ 1742	8.0	28 39.29	+3.6386+.0307	-35 1 21.0	-15.980+.327	97.5	2
4835	GC 19728	7.8	28 47.34	+3.6766+.0326	-36 45 57.6	-15.973+.331	99.4	2
4836	CZ 1776	9.0	29 7.48	+3.6543+.0314	-35 41 9.6	-15.955+.329	96.4	2
4837	CZ 1793	8.5	29 29.69	+3.6647+.0318	-36 6 46.5	-15.935+.331	99.4	2
4838	CZ 1826	8.4	30 2.07	+3.6315+.0301	-34 28 9.4	-15.907+.329	99.4	2
4839	CZ 1827	8.2	30 2.57	+3.6286+.0299	-34 19 42.5	-15.906+.329	97.4	2
4840	CZ 1850	9.0	30 24.91	+3.5391+.0256	-29 45 38.8	-15.886+.321	96.7	3
4841	GC 19770	7.6	30 27.20	+3.3981+.0194	-21 44 26.4	-15.884+.308	99.4	2
4842	CZ 1856	7.5	30 38.02	+3.6711+.0320	-36 13 44.7	-15.875+.333	98.4	2
4843	CZ 1873	8.6	30 46.60	+3.6315+.0299	-34 21 32.0	-15.867+.330	97.4	2
4844	CZ 1883	7.8	30 54.73	+3.5199+.0246	-28 40 1.6	-15.860+.321	96.4	3
4845	CZ 1884	9.0	30 58.58	+3.6915+.0329	-37 5 50.0	-15.856+.336	98.4	1
4846	CZ 1882	8.5	30 58.80	+3.6915+.0329	-37 5 46.1	-15.856+.336	98.4	2
4847	CZ 1890	8.5	31 2.40	+3.5991+.0283	-32 44 36.8	-15.853+.328	97.4	2
4848	CZ 1922	8.0	31 17.76	+3.4613+.0220	-25 21 47.5	-15.839+.316	96.4	2
4849	CZ 1936	8.4	31 37.66	+3.6496+.0307	-35 5 3.1	-15.821+.334	97.5	2
4850	CZ 1962	8.0	14 31 58.80	+3.6832+.0323	-36 34 25.8	-15.802+.337	98.4	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4851	CZ 1979	9.4	14 32 11.48	+3.5539+.0260	-30 17 5.2	-15.791+.326	96.4	2
4852	GC 19820	8.2	32 16.87	+3.4180+.0201	-22 43 48.1	-15.786+.314	99.4	2
4853	CZ 1984	7.4	32 19.16	+3.6466+.0304	-34 50 31.0	-15.784+.335	97.4	2
4854	CZ 1999	8.8	32 32.55	+3.5783+.0271	-31 29 2.5	-15.772+.329	99.4	2
4855	CZ 2013	7.2	32 49.20	+3.6551+.0307	-35 9 41.1	-15.757+.336	96.4	2
4856	CZ 2027	8.5	33 7.79	+3.6700+.0314	-35 47 52.9	-15.740+.338	97.4	2
4857	A 11310	7.6	33 13.26	+3.4058+.0195	-21 53 43.6	-15.735+.314	99.4	2
4858	CZ 2033	8.0	33 14.00	+3.6098+.0284	-32 56 46.4	-15.735+.333	96.9	4
4859	Pi 134	8.1	33 35.47	+3.4528+.0214	-24 35 44.6	-15.715+.319	96.4	2
4860	Pi 135	7.2	33 51.20	+3.4835+.0226	-26 17 29.2	-15.701+.322	99.4	2
4861	CZ 2073	8.8	33 56.51	+3.6616+.0308	-35 17 34.1	-15.696+.339	97.4	2
4862	CPD-27° 5022	9.0	34 8.07	+3.5059+.0236	-27 28 48.8	-15.686+.325	96.4	1
4863	CZ 2093	7.6	34 8.25	+3.4916+.0230	-26 42 2.4	-15.685+.324	99.4	2
4864	CZ 2097	9.4	34 12.94	+3.5076+.0237	-27 33 49.5	-15.681+.325	96.4	2
4865	CZ 2113	7.4	34 31.40	+3.5328+.0247	-28 52 12.4	-15.664+.328	96.4	2
4866	CZ 2119	7.1	34 36.36	+3.4768+.0222	-25 49 31.2	-15.660+.323	99.4	2
4867	CZ 2130	8.6	34 51.37	+3.5930+.0274	-31 53 42.9	-15.646+.334	98.4	2
4868	L 6038	5.8	34 52.73	+3.6737+.0312	-35 42 17.1	-15.645+.342	97.5	2
4869	CZ 2152	7.5	35 6.35	+3.4390+.0206	-23 37 39.2	-15.632+.320	99.4	2
4870	CZ 2149	7.5	35 6.89	+3.4811+.0224	-25 59 57.8	-15.632+.324	99.4	2
4871	CZ 2141	8.7	35 8.30	+3.6913+.0320	-36 27 12.1	-15.631+.344	98.4	2
4872	GC 19886	7.8	35 24.48	+3.4148+.0197	-22 11 20.9	-15.616+.319	99.4	2
4873	CZ 2175	8.7	35 40.37	+3.6116+.0281	-32 41 9.2	-15.601+.337	98.4	2
4874	L 6048	4.1	35 44.78	+3.7142+.0331	-37 21 51.8	-15.597+.347	97.4	8
4875	CZ 2186	7.7	35 50.43	+3.5438+.0250	-29 16 6.9	-15.592+.331	99.4	2
4876	CZ 2187	7.0	35 53.19	+3.5680+.0261	-30 30 16.4	-15.590+.334	99.4	2
4877	CZ 2189	8.3	35 57.68	+3.6062+.0278	-32 23 9.7	-15.585+.337	99.4	2
4878	CZ 2191	8.4	36 0.43	+3.6378+.0293	-33 53 16.1	-15.583+.340	99.4	2
4879	CZ 2202	7.2	36 4.58	+3.5134+.0237	-27 38 15.7	-15.579+.329	99.4	2
4880	L 6054	7.0	36 12.17	+3.6059+.0278	-32 20 20.1	-15.572+.338	97.6	9
4881	CZ 2207	8.0	36 12.51	+3.6240+.0286	-33 12 23.0	-15.572+.339	98.4	2
4882	CPD-32° 3698	8.8	36 16.80	+3.6104+.0280	-32 32 47.4	-15.568+.338	99.4	1
4883	CZ 2212	8.8	36 17.48	+3.5290+.0243	-28 26 9.2	-15.567+.331	96.4	2
4884	CZ 2233	7.5	36 39.37	+3.4310+.0202	-22 59 53.5	-15.547+.322	99.4	2
4885	CZ 2231	8.7	36 39.81	+3.4720+.0218	-25 18 48.2	-15.547+.326	96.4	2
4886	CZ 2262	7.9	37 7.73	+3.4508+.0209	-24 3 51.2	-15.521+.325	96.4	2
4887	CZ 2278	8.4	37 23.36	+3.4622+.0214	-24 40 59.2	-15.507+.326	96.4	2
4888	Br 1874	5.8	37 26.61	+3.4604+.0213	-24 34 17.3	-15.504+.326	97.5	8
4889	L 6063	4.1	37 32.35	+3.6611+.0301	-34 44 35.0	-15.498+.345	97.5	9
4890	CZ 2304	7.4	37 47.85	+3.5546+.0252	-29 34 10.1	-15.484+.336	99.4	2
4891	CZ 2315	9.3	37 56.66	+3.5474+.0249	-29 10 49.0	-15.476+.335	96.4	2
4892	CZ 2308	9.5	37 56.68	+3.7107+.0324	-36 53 19.0	-15.476+.350	99.4	2
4893	CZ 2307	9.3	37 57.38	+3.7302+.0334	-37 43 5.8	-15.475+.352	96.4	1
4894	Lal 26785	8.8	38 8.11	+3.4454+.0206	-23 39 14.8	-15.465+.326	96.4	2
4895	CZ 2343	9.2	38 19.32	+3.5379+.0244	-28 38 27.7	-15.455+.335	96.4	1
4896	CZ 2364	7.1	38 32.18	+3.4471+.0206	-23 42 18.6	-15.443+.327	{98.4} {97.9}	3, 2
4897	CZ 2360	8.9	38 32.89	+3.5374+.0244	-28 35 19.0	-15.442+.336	96.4	2
4898	L 6071	5.0	38 51.10	+3.6657+.0301	-34 46 7.6	-15.425+.348	97.4	2
4899	CZ 2399	8.0	39 10.39	+3.6881+.0311	-35 43 29.8	-15.407+.350	98.4	2
4900	CZ 2445	9.4	14 39 49.37	+3.5441+.0245	-28 46 18.4	-15.371+.338	96.4	2, 3



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4901	CZ 2456	8.0	14 40 12.49	+3.7162+.0323	-36 48 2.5	-15.349+.355	98.3	1
4902	Br 1881	5.2	40 12.68	+3.4742+.0215	-25 1 7.0	-15.349+.332	96.4	2
4903	CZ 2465	7.5	40 13.26	+3.4742+.0215	-25 1 12.6	-15.348+.332	96.4	2
4904	CZ 2461	8.7	40 16.39	+3.6389+.0286	-33 20 39.2	-15.345+.347	99.4	2
4905	GC 20002	5.9	40 22.26	+3.4334+.0199	-22 43 47.2	-15.340+.329	99.4	2
4906	CZ 2513*	9.0	41 8.11	+3.5390+.0241	-28 20 50.3	-15.297+.340	96.4	2
4907	CZ 2522	8.8	41 11.26	+3.4767+.0215	-25 2 37.6	-15.294+.334	96.4	2
4908	CZ 2538	8.3	41 26.67	+3.5711+.0254	-29 55 49.9	-15.279+.344	96.4	2
4909	CZ 2543	8.4	41 32.31	+3.6638+.0295	-34 18 49.0	-15.274+.352	96.4	2
4910	Br 1885	5.7	41 33.49	+3.4804+.0217	-25 12 15.6	-15.273+.335	99.4	2
4911	CZ 2544	9.0	41 34.16	+3.7189+.0321	-36 43 16.2	-15.272+.358	99.4	2
4912	CZ 2568	8.6	41 51.12	+3.6112+.0271	-31 49 41.0	-15.256+.348	97.4	2
4913	Br 1886	5.4	41 54.42	+3.4898+.0220	-25 40 5.3	-15.253+.337	99.4	2
4914	Br 1887	5.8	42 6.39	+3.5007+.0224	-26 13 38.8	-15.242+.338	99.4	2
4915	CZ 2597	9.5	42 21.24	+3.6914+.0306	-35 25 34.0	-15.228+.356	98.0	2
4916	CZ 2598	7.0	42 21.77	+3.6914+.0306	-35 25 23.4	-15.227+.356	97.5	2
4917	CZ 2602	6.5	42 25.61	+3.7098+.0315	-36 12 56.4	-15.223+.358	98.4	2
4918	CZ 2613	8.7	42 38.65	+3.7342+.0326	-37 12 55.7	-15.211+.361	99.4	2
4919	CZ 2621	6.8	42 40.86	+3.4803+.0215	-25 4 26.9	-15.209+.337	96.4	2, 3
4920	CZ 2619	9.0	42 42.81	+3.6215+.0274	-32 12 16.5	-15.207+.350	97.9	2
4921	CZ 2627	8.2	42 51.36	+3.6863+.0303	-35 7 54.9	-15.199+.357	97.5	2
4922	CZ 2646	8.5	43 7.53	+3.4792+.0214	-24 57 54.8	-15.184+.338	96.4	2
4923	CZ 2644	8.5	43 10.43	+3.6531+.0287	-33 36 10.5	-15.181+.354	96.4	2
4924	L 6111	5.8	43 31.93	+3.4593+.0206	-23 50 6.4	-15.160+.336	99.4	2
4925	CZ 2686	6.5	43 45.42	+3.6203+.0272	-32 0 36.1	-15.147+.352	97.4	2
4926	CZ 2689	8.5	43 51.34	+3.7326+.0323	-36 58 46.3	-15.142+.363	96.4	2
4927	CZ 2703	7.6	44 1.64	+3.5513+.0242	-28 37 9.7	-15.132+.346	99.4	2
4928	CZ 2713	8.4	44 21.13	+3.6806+.0298	-34 40 40.9	-15.113+.359	99.4	2
4929	Br 1892	4.6	44 24.88	+3.5311+.0233	-27 32 38.0	-15.110+.345	97.5	8
4930	CZ 2731	8.0	44 35.09	+3.6234+.0272	-32 2 51.3	-15.100+.354	98.4	2
4931	CZ 2759	7.5	44 59.34	+3.5396+.0236	-27 54 35.6	-15.077+.346	99.4	2
4932	CZ 2774	8.3	45 13.89	+3.6236+.0271	-31 58 22.8	-15.063+.355	98.4	2
4933	CZ 2809	8.7	45 40.11	+3.5929+.0257	-30 27 48.4	-15.037+.353	96.4	2, 3
4934	CZ 2810	9.2	45 40.20	+3.5930+.0257	-30 28 12.5	-15.037+.353	96.4	1
4935	CZ 2811	8.2	45 44.91	+3.7206+.0313	-36 12 52.5	-15.033+.365	98.4	2
4936	CZ 2814	9.0	45 46.76	+3.6710+.0291	-34 4 4.2	-15.031+.361	98.4	1
4937	CZ 2862	8.2	46 27.79	+3.6189+.0267	-31 35 54.3	-14.991+.357	98.4	2
4938	L 6124	5.1	46 34.42	+3.7516+.0326	-37 23 29.7	-14.985+.370	99.4	2
4939	L 6127	6.5	46 35.57	+3.5890+.0254	-30 9 53.6	-14.984+.354	97.4	8
4940	CZ 2880	8.5	46 44.36	+3.6548+.0282	-33 12 59.0	-14.975+.361	97.5	2
4941	CZ 2890	7.9	46 48.68	+3.4882+.0214	-25 2 25.3	-14.971+.344	96.4	2
4942	CZ 2893	7.8	46 50.75	+3.4633+.0204	-23 42 23.0	-14.969+.342	99.4	2
4943	CZ 2897	9.2	46 56.52	+3.4997+.0218	-25 37 49.1	-14.963+.346	96.4	2
4944	CZ 2936	8.2	47 40.04	+3.6590+.0282	-33 16 58.1	-14.921+.363	97.5	2
4945	CZ 2943	7.2	47 46.03	+3.6581+.0282	-33 13 58.4	-14.915+.363	97.5	2
4946	CZ 2947	8.0	47 50.79	+3.5479+.0236	-27 59 46.1	-14.911+.352	99.4	2
4947	CZ 2955	8.1	47 59.37	+3.6149+.0263	-31 13 12.2	-14.902+.359	99.4	2
4948	CZ 2965	8.4	48 5.41	+3.5154+.0223	-26 19 24.3	-14.896+.349	96.4	2
4949	GC 20173	8.0	48 6.41	+3.4631+.0203	-23 33 56.0	-14.895+.344	96.4	2
4950	CZ 2980	8.9	14 48 16.06	+3.4935+.0214	-25 9 55.4	-14.886+.348	96.4	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
4951	CZ 2975	7.5	14 48 17.03	+3.6708+.0286	-33 44 1.3	-14.885+.365	98.4	2
4952	CZ 2983	8.0	48 23.23	+3.7324+.0314	-36 21 23.9	-14.879+.371	98.9	2
4953	CZ 2992	7.0	48 25.10	+3.5481+.0235	-27 56 23.8	-14.877+.353	99.4	2
4954	CZ 2995	5.9	48 31.36	+3.6527+.0278	-32 53 33.2	-14.871+.364	98.9	2
4955	CZ 3004	9.2	48 37.59	+3.6187+.0263	-31 19 26.9	-14.865+.360	96.4	2
4956	CZ 3005	7.8	48 40.57	+3.7253+.0309	-36 1 22.4	-14.862+.371	98.9	2
4957	CPD-36° 6635	7.8	49 13.88	+3.7448+.0318	-36 45 15.7	-14.829+.374	99.4	2
4958	CZ 3041	8.4	49 19.39	+3.5743+.0244	-29 7 32.1	-14.824+.357	96.4	2
4959	CZ 3047	8.4	49 24.21	+3.6141+.0260	-31 0 44.2	-14.819+.361	96.4	2
4960	CZ 3065	8.4	49 36.10	+3.4971+.0214	-25 12 31.6	-14.807+.350	99.4	2
4961	L 6146	5.3	49 36.30	+3.6683+.0283	-33 26 59.1	-14.807+.367	97.4	8
4962	CZ 3082	8.9	49 59.97	+3.7046+.0298	-34 58 50.9	-14.784+.371	96.4	1
4963	CZ 3089	7.0	50 0.54	+3.4724+.0204	-23 52 28.0	-14.783+.348	96.4	2
4964	CZ 3102	7.8	50 21.18	+3.6881+.0290	-34 13 35.0	-14.763+.370	98.4	2
4965	CZ 3108	6.5	50 25.21	+3.6433+.0271	-32 13 52.6	-14.759+.366	98.4	2
4966	CZ 3111	8.4	50 29.95	+3.7027+.0296	-34 50 3.2	-14.754+.372	99.4	2
4967	CZ 3122	8.4	50 41.69	+3.7140+.0301	-35 17 25.2	-14.743+.373	99.4	2
4968	CZ 3128	7.2	50 43.76	+3.4734+.0204	-23 51 12.1	-14.741+.349	96.4	2
4969	CZ 3145	9.4	51 5.20	+3.5131+.0218	-25 52 49.1	-14.719+.354	99.4	2
4970	CZ 3147	8.5	51 6.44	+3.5233+.0222	-26 23 51.1	-14.718+.355	96.4	2, 3
4971	CZ 3143	8.4	51 10.08	+3.7503+.0316	-36 43 35.4	-14.715+.378	99.4	2
4972	CZ 3151	7.5	51 13.78	+3.6498+.0272	-32 25 45.8	-14.711+.368	96.4	3
4973	CZ 3154	6.8	51 15.46	+3.5712+.0240	-28 45 12.0	-14.709+.360	99.4	2
4974	CZ 3158	7.4	51 21.08	+3.7087+.0297	-34 58 51.2	-14.704+.374	98.4	2
4975	CZ 3166	7.9	51 34.47	+3.6508+.0272	-32 25 38.5	-14.691+.368	97.6	5
4976	Bruss 5978	7.7	51 36.16	+3.4213+.0184	-20 57 40.5	-14.689+.346	97.5	4
4977	CZ 3178	8.9	51 37.04	+3.4650+.0200	-23 19 14.0	-14.688+.350	96.5	2
4978	Pi 212	5.8	51 37.27	+3.4214+.0184	-20 57 47.5	-14.688+.346	97.4	8
4979	CZ 3175	9.4	51 38.39	+3.6510+.0272	-32 25 47.0	-14.687+.368	96.5	2
4980	CZ 3182	7.3	51 40.83	+3.4980+.0212	-25 2 20.1	-14.684+.353	99.5	2
4981	CZ 3200	8.0	51 59.85	+3.7269+.0304	-35 39 42.0	-14.665+.377	99.4	2
4982	CZ 3208	7.5	52 7.00	+3.7590+.0318	-36 57 35.4	-14.658+.380	98.4	2
4983	CZ 3213	8.8	52 7.88	+3.6226+.0260	-31 4 53.6	-14.657+.366	96.4	2
4984	CZ 3243	9.0	52 33.05	+3.7848+.0329	-37 55 6.8	-14.632+.383	96.5	2
4985	CZ 3247	7.8	52 33.57	+3.5650+.0236	-28 18 20.0	-14.631+.362	96.4	2
4986	Br 1904	5.7	52 44.01	+3.5440+.0228	-27 15 20.6	-14.621+.360	99.4	2
4987	CZ 3254	8.7	52 45.40	+3.6997+.0291	-34 25 21.8	-14.620+.375	96.4	2
4988	CZ 3276	8.9	52 54.79	+3.5392+.0226	-26 59 50.9	-14.611+.360	96.5	2
4989	L 6178	6.6	52 54.97	+3.7748+.0324	-37 28 48.7	-14.610+.383	97.4	8
4990	CPD-36° 6672	7.9	53 26.28	+3.7516+.0312	-36 29 29.9	-14.579+.382	99.4	2
4991	CZ 3299	9.2	53 26.91	+3.6093+.0252	-30 18 29.8	-14.578+.367	99.4	2
4992	CZ 3300	7.9	53 27.12	+3.6093+.0252	-30 18 38.8	-14.578+.367	99.4	2
4993	CZ 3318	9.0	53 45.04	+3.6038+.0250	-30 1 6.9	-14.560+.367	96.4	2, 3
4994	CZ 3316	7.0	53 45.59	+3.7315+.0303	-35 37 50.3	-14.560+.380	98.4	2
4995	CZ 3328	7.5	53 53.89	+3.6572+.0271	-32 26 4.7	-14.551+.373	96.4	2
4996	CZ 3360	9.1	54 22.68	+3.7099+.0292	-34 39 16.5	-14.522+.379	96.4	2
4997	CZ 3397	7.5	54 53.77	+3.6830+.0280	-33 26 29.0	-14.491+.377	97.4	2
4998	CZ 3432	8.2	55 31.00	+3.7592+.0311	-36 31 58.8	-14.454+.386	99.4	2
4999	CZ 3449	6.0	55 47.10	+3.6976+.0284	-33 57 45.0	-14.437+.380	97.4	2
5000	CZ 3458	8.9	14 55 53.89	+3.6553+.0267	-32 6 58.0	-14.430+.376	97.5	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
5001	Br 1910	5.9	14	56	8.60	+3.5598	+0.0230	-27	39	52.1	-14.416	+0.367	99.4	2
5002	CZ 3477	8.5		56	9.91	+3.6354	+0.0259	-31	11	45.4	-14.414	+0.374	96.4	2
5003	L 6198	5.4		56	51.96	+3.6609	+0.0268	-32	14	55.7	-14.372	+0.378	97.4	2
5004	CZ 3518	8.1		57	0.29	+3.7635	+0.0310	-36	31	12.4	-14.363	+0.389	98.4	2
5005	CZ 3547	6.8		57	19.16	+3.7403	+0.0300	-35	33	0.9	-14.344	+0.387	97.9	4
5006	CZ 3570	8.4		57	37.19	+3.5585	+0.0227	-27	26	45.6	-14.325	+0.369	96.4	2
5007	CZ 3572	8.4		57	37.57	+3.5585	+0.0227	-27	26	38.2	-14.325	+0.369	96.4	2
5008	CZ 3576	8.0		57	45.26	+3.6149	+0.0248	-30	4	51.3	-14.317	+0.375	99.4	2
5009	CZ 3595	8.5		58	4.78	+3.6481	+0.0261	-31	32	40.6	-14.297	+0.379	98.4	2, 1
5010	CZ 3598	8.6		58	9.77	+3.7513	+0.0303	-35	53	36.4	-14.292	+0.390	99.4	2
5011	$\sigma$ Librae	3.4		58	12.95	+3.5079	+0.0208	-24	53	20.5	-14.289	+0.365	97.5	8
5012	CZ 3618	9.2		58	27.65	+3.7832	+0.0316	-37	6	57.4	-14.274	+0.393	99.4	2
5013	CZ 3636	8.8		58	32.95	+3.4860	+0.0200	-23	45	10.2	-14.268	+0.363	96.4	2
5014	CZ 3633	7.5		58	34.56	+3.5702	+0.0230	-27	54	27.1	-14.267	+0.372	99.4	2
5015	CZ 3650	8.7		58	47.71	+3.6352	+0.0255	-30	53	15.8	-14.253	+0.379	96.4	2
5016	L 6209	5.3		58	49.09	+3.8809	+0.0358	-40	40	37.4	-14.252	+0.404	97.5	8
5017	CZ 3679	7.4		59	16.34	+3.6080	+0.0244	-29	36	0.7	-14.224	+0.377	99.4	2
5018	CZ 3697	7.0		59	30.46	+3.6209	+0.0248	-30	9	50.1	-14.209	+0.378	99.4	2
5019	CZ 3723	8.6		59	54.31	+3.7822	+0.0312	-36	54	5.4	-14.185	+0.396	99.4	2
5020	CZ 3733	7.8		59	54.52	+3.5214	+0.0211	-25	24	0.6	-14.184	+0.369	99.4	2
5021	CZ 3727	6.6	14	59	57.01	+3.7562	+0.0301	-35	52	34.9	-14.182	+0.393	98.4	2
5022	CZ 3749	9.0	15	0	8.67	+3.5734	+0.0230	-27	53	53.1	-14.170	+0.374	96.4	2
5023	CZ 3767	7.7		0	20.67	+3.4891	+0.0200	-23	44	27.7	-14.158	+0.366	97.9	4
5024	Pi 262	7.0		0	23.45	+3.4734	+0.0194	-22	56	3.9	-14.155	+0.364	97.4	8
5025	CZ 3771	6.0		0	28.96	+3.6314	+0.0251	-30	31	48.8	-14.149	+0.381	99.4	2
5026	GC 20492	6.8		0	40.81	+3.4489	+0.0187	-21	38	34.8	-14.137	+0.363	99.4	2
5027	CZ 3796	9.0		0	52.84	+3.6487	+0.0257	-31	15	25.2	-14.124	+0.383	96.4	2
5028	CZ 3809	7.4	1	4	6.60	+3.6783	+0.0268	-32	31	24.6	-14.112	+0.387	98.4	2
5029	CZ 3816	8.7	1	6	6.69	+3.5871	+0.0233	-28	26	8.8	-14.110	+0.378	96.4	2
5030	CZ 3820	7.9	1	11	4.49	+3.5587	+0.0223	-27	5	25.4	-14.105	+0.375	99.4	2
5031	CZ 3841	8.0	1	26	2.23	+3.4924	+0.0200	-23	48	28.1	-14.090	+0.368	99.4	2
5032	CZ 9	8.6	1	40	5.54	+3.5897	+0.0233	-28	30	5.3	-14.075	+0.379	96.4	2
5033	CZ 50	8.0	2	20	3.22	+3.7976	+0.0314	-37	12	17.9	-14.034	+0.401	98.4	2
5034	CZ 71	8.2	2	41	5.54	+3.7688	+0.0301	-36	2	55.8	-14.011	+0.399	98.4	2
5035	CZ 107	8.0	3	5	0.09	+3.5816	+0.0229	-27	58	45.4	-13.987	+0.380	99.4	2
5036	CZ 104	8.7	3	5	2.28	+3.6819	+0.0266	-32	27	9.8	-13.987	+0.390	97.4	2
5037	CZ 124	7.5	3	24	11.11	+3.7565	+0.0295	-35	29	3.0	-13.967	+0.399	97.4	2
5038	CZ 133	8.6	3	32	11.11	+3.7063	+0.0274	-33	25	54.9	-13.959	+0.394	97.5	2
5039	CZ 138	9.1	3	35	9.91	+3.7203	+0.0280	-34	0	1.2	-13.955	+0.395	97.5	2
5040	CZ 140	8.2	3	38	18.18	+3.6673	+0.0259	-31	45	58.5	-13.952	+0.390	97.5	2
5041	CZ 149	9.4	3	43	2.27	+3.7155	+0.0278	-33	47	36.8	-13.947	+0.395	96.4	3
5042	CZ 159	8.8	3	52	9.93	+3.7994	+0.0312	-37	5	33.5	-13.937	+0.404	99.4	2
5043	Pi 282	7.1	4	1	1.17	+3.4929	+0.0197	-23	36	13.9	-13.928	+0.372	96.4	2
5044	CZ 178	9.2	4	10	6.67	+3.6497	+0.0252	-30	56	41.1	-13.918	+0.389	96.4	2
5045	CZ 175	9.1	4	11	6.68	+3.8147	+0.0317	-37	37	52.5	-13.917	+0.406	96.4	2
5046	CZ 190	9.1	4	21	3.39	+3.5865	+0.0229	-28	4	52.4	-13.907	+0.382	96.5	2
5047	CZ 195	5.9	4	23	6.66	+3.5415	+0.0213	-25	57	5.3	-13.904	+0.378	96.5	3
5048	CZ 204	9.1	4	38	0.04	+3.7588	+0.0294	-35	25	56.8	-13.889	+0.401	97.5	2
5049	CZ 269	8.5	5	32	9.96	+3.7531	+0.0289	-35	6	20.1	-13.832	+0.402	97.4	2
5050	CZ 272	7.0	15	5	33.39	+3.7076	+0.0272	-33	15	36.0	-13.831	+0.397	97.4	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5051	CZ 274	7.9	15 5 36.14	+3.7352+.0282	-34 23 3.4	-13.828+.400	97.5	2
5052	CZ 290	9.0	5 46.06	+3.6888+.0264	-32 27 13.5	-13.818+.396	99.4	2
5053	CZ 291	8.8	5 46.39	+3.6887+.0264	-32 27 1.7	-13.817+.396	99.4	2
5054	CZ 307	7.8	6 3.99	+3.7416+.0284	-34 35 22.5	-13.799+.402	97.5	2
5055	CZ 326	7.5	6 23.88	+3.8085+.0310	-37 8 46.6	-13.778+.409	96.4	3
5056	CZ 331	9.0	6 24.01	+3.6427+.0246	-30 24 22.0	-13.777+.392	96.4	1
5057	CZ 344	8.4	6 39.10	+3.8020+.0306	-36 52 14.8	-13.761+.409	99.4	2
5058	CZ 345	8.1	6 39.48	+3.8020+.0307	-36 52 11.3	-13.761+.409	99.4	2
5059	CZ 354	6.2	6 49.17	+3.7722+.0295	-35 42 51.4	-13.751+.406	97.4	2
5060	CZ 362	8.2	6 49.95	+3.5328+.0207	-25 18 30.1	-13.750+.381	96.4	2
5061	CZ 366	8.4	6 58.17	+3.7037+.0268	-32 56 56.6	-13.741+.399	97.5	2
5062	CZ 371	9.3	7 3.53	+3.7494+.0285	-34 47 31.4	-13.736+.404	97.5	2
5063	CZ 385	8.2	7 18.70	+3.8119+.0310	-37 10 12.1	-13.719+.411	98.4	2
5064	CZ 410	7.0	7 26.60	+3.4996+.0196	-23 37 55.4	-13.711+.378	99.4	2
5065	CZ 409	9.1	7 27.45	+3.5434+.0210	-25 45 16.3	-13.710+.383	96.5	2
5066	Pi 5	6.3	7 38.02	+3.5265+.0204	-24 55 55.2	-13.699+.381	96.5	4
5067	CZ 423	8.8	7 38.40	+3.7102+.0269	-33 8 33.8	-13.698+.401	97.5	2
5068	CZ 452	6.0	7 57.79	+3.5457+.0210	-25 49 8.5	-13.678+.384	99.4	2
5069	CZ 455	8.3	8 0.91	+3.5428+.0209	-25 40 35.6	-13.674+.383	96.4	2
5070	CZ 454	9.0	8 1.60	+3.5745+.0220	-27 9 54.7	-13.674+.387	96.4	2
5071	CZ 462	8.0	8 1.96	+3.5081+.0198	-24 0 12.7	-13.673+.380	99.4	2
5072	Br 1929	5.0	8 29.66	+3.6648+.0251	-31 8 45.4	-13.644+.397	97.4	8
5073	CZ 545	8.0	9 15.35	+3.5839+.0222	-27 29 4.6	-13.595+.390	99.4	2
5074	CZ 553	8.4	9 22.84	+3.5315+.0204	-25 1 2.7	-13.587+.384	96.4	2
5075	CZ 549	9.0	9 26.33	+3.8079+.0304	-36 46 57.6	-13.583+.414	98.4	2
5076	CZ 550	8.4	9 26.80	+3.8078+.0304	-36 46 36.7	-13.583+.414	98.4	2
5077	CZ 556	8.4	9 30.95	+3.8040+.0302	-36 37 33.8	-13.578+.414	99.4	2
5078	CZ 558	8.6	9 32.51	+3.7471+.0280	-34 25 51.6	-13.577+.408	98.4	2
5079	CZ 571	7.0	9 40.54	+3.5791+.0219	-27 13 31.8	-13.568+.390	99.4	2
5080	Pi 19	5.7	10 35.09	+3.4724+.0184	-22 1 46.6	-13.509+.380	97.4	8
5081	CZ 645	8.4	10 55.01	+3.7452+.0277	-34 12 27.6	-13.488+.410	98.4	2
5082	CZ 658	7.5	10 56.58	+3.5058+.0194	-23 38 26.7	-13.486+.384	99.4	2
5083	CZ 712	8.0	11 44.48	+3.5542+.0209	-25 52 45.6	-13.434+.390	96.4	2
5084	Br 1931	4.4	11 44.66	+3.6406+.0238	-29 46 51.7	-13.434+.400	97.5	8
5085	CZ 751	6.9	12 33.39	+3.6672+.0246	-30 50 36.6	-13.381+.404	99.4	2
5086	CZ 762	7.8	12 43.54	+3.5295+.0200	-24 38 1.6	-13.370+.389	96.4	2
5087	GC 20741	8.4	12 43.73	+3.5138+.0195	-23 52 56.3	-13.370+.387	96.4	2
5088	CZ 761	8.8	12 44.23	+3.5937+.0220	-27 36 12.6	-13.369+.396	96.4	2
5089	CZ 790	8.2	13 0.07	+3.8062+.0296	-36 19 55.5	-13.352+.420	98.9	2
5090	CZ 780	8.7	13 1.41	+3.7800+.0286	-35 20 26.2	-13.351+.417	98.9	2
5091	CZ 789	8.8	13 6.90	+3.6881+.0252	-31 39 50.5	-13.345+.407	97.5	2
5092	CZ 788	8.7	13 7.35	+3.7372+.0270	-33 40 0.4	-13.344+.412	96.5	2
5093	CZ 787	7.0	13 9.12	+3.8173+.0300	-36 43 43.1	-13.342+.421	98.4	2
5094	CZ 801	7.5	13 17.20	+3.5152+.0194	-23 53 59.7	-13.334+.388	99.4	2
5095	CZ 802	9.2	13 24.42	+3.7784+.0285	-35 14 25.3	-13.326+.417	96.5	2
5096	CZ 809	8.8	13 25.82	+3.5543+.0207	-25 44 21.7	-13.324+.393	96.4	2
5097	CZ 838	7.8	13 48.11	+3.5162+.0194	-23 54 19.8	-13.300+.389	97.4	3
5098	CZ 833	8.0	13 50.15	+3.7102+.0259	-32 30 2.6	-13.298+.410	99.4	2
5099	CZ 844	8.0	13 55.90	+3.7622+.0278	-34 33 38.7	-13.291+.416	98.4	2
5100	CZ 882	7.4	15 14 30.04	+3.6044+.0221	-27 55 25.7	-13.254+.400	99.4	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5101	CZ 900	7.6	15 14 45.17	+3.5543+.0205	-25 37 26.1	-13.238+.395	96.4	2
5102	$\delta$ Lupi	3.4	14 48.40	+3.9240+.0339	-40 17 6.9	-13.234+.435	97.5	8
5103	CZ 941	8.5	15 27.03	+3.8366+.0303	-37 11 14.9	-13.192+.427	98.4	2
5104	$\phi$ Lupi	3.6	15 27.52	+3.8015+.0289	-35 53 54.9	-13.191+.423	97.5	9
5105	CZ 962	7.5	15 45.91	+3.8399+.0303	-37 16 30.3	-13.171+.428	98.4	2
5106	CZ 972	8.8	15 53.34	+3.6829+.0246	-31 10 31.7	-13.163+.410	96.4	2
5107	CZ 978	7.0	15 57.92	+3.6989+.0251	-31 49 47.0	-13.158+.412	98.4	2
5108	CZ 984	8.5	16 6.16	+3.8242+.0297	-36 40 8.5	-13.149+.426	98.9	2
5109	CZ 988	7.8	16 7.36	+3.7625+.0274	-34 20 55.5	-13.147+.420	99.4	2
5110	CZ 993	8.4	16 12.39	+3.7486+.0269	-33 47 56.8	-13.142+.418	99.4	2
5111	CZ 996	8.3	16 14.02	+3.8116+.0292	-36 11 36.7	-13.140+.425	98.9	2
5112	CZ 1009	8.7	16 23.78	+3.6565+.0236	-30 1 12.8	-13.129+.408	96.4	2
5113	CZ 1026	9.0	16 39.32	+3.6577+.0236	-30 2 42.9	-13.112+.409	96.4	2
5114	CZ 1031	6.8	16 40.51	+3.6330+.0228	-28 58 59.4	-13.111+.406	99.4	2
5115	L 6349	4.7	16 45.87	+3.8214+.0294	-36 29 58.7	-13.105+.427	97.5	8, 7
5116	CZ 1042	8.4	16 50.48	+3.6295+.0227	-28 48 54.1	-13.100+.406	96.4	2
5117	CZ 1054	6.9	16 58.50	+3.5739+.0209	-26 19 51.0	-13.091+.400	97.5	8
5118	CZ 1058	8.2	17 6.52	+3.7047+.0252	-31 57 20.1	-13.082+.415	96.5	2
5119	CZ 1066	8.3	17 15.85	+3.7664+.0273	-34 23 7.2	-13.072+.422	98.4	2
5120	CZ 1072*	9.5	17 16.08	+3.5597+.0204	-25 39 37.1	-13.071+.399	96.5	1
5121	CZ 1086	8.6	17 36.68	+3.5877+.0212	-26 54 2.8	-13.049+.403	96.4	2
5122	CZ 1124	7.5	18 2.40	+3.5895+.0212	-26 56 52.9	-13.020+.403	96.4	2
5123	CZ 1142	7.0	18 20.15	+3.8004+.0284	-35 33 43.1	-13.001+.427	98.4	2
5124	CZ 1171	8.2	18 39.97	+3.5267+.0192	-24 0 51.9	-12.978+.397	96.4	2
5125	CZ 1176	7.8	18 43.08	+3.5547+.0201	-25 18 42.8	-12.975+.401	97.6	5
5126	L 6361	4.7	18 51.03	+3.8804+.0313	-38 22 44.6	-12.966+.437	97.4	8, 7
5127	CZ 1180	8.2	18 51.82	+3.7050+.0249	-31 48 5.0	-12.965+.418	96.4	2
5128	CZ 1198	8.3	19 7.86	+3.8102+.0286	-35 50 42.3	-12.947+.430	98.4	2
5129	CZ 1236	8.1	19 40.54	+3.8192+.0288	-36 7 15.3	-12.911+.431	98.8	3
5130	GC 20892	8.0	19 53.48	+3.8232+.0289	-36 14 42.0	-12.896+.432	99.4	2
5131	CZ 1267	8.8	20 4.76	+3.8168+.0286	-35 59 43.8	-12.884+.432	97.5	2
5132	CZ 1282	8.0	20 17.16	+3.6879+.0241	-30 58 4.4	-12.870+.418	99.4	2
5133	GC 20903	8.2	20 25.27	+3.8024+.0280	-35 25 43.2	-12.861+.431	99.4	2
5134	L 6376	5.5	20 53.80	+3.8306+.0290	-36 24 59.7	-12.829+.434	97.4	2
5135	CZ 1382	8.4	21 46.54	+3.7471+.0258	-33 11 44.0	-12.770+.426	97.5	2
5136	CZ 1376	6.8	21 46.62	+3.8496+.0295	-37 0 33.6	-12.770+.438	98.4	2
5137	CZ 1390	7.3	21 54.15	+3.8577+.0298	-37 16 51.6	-12.761+.439	98.4	2
5138	CPD-30° 4117	8.7	22 26.15	+3.6874+.0238	-30 44 57.8	-12.725+.421	96.4	1
5139	CPD-29° 4193*	9.5	22 26.17	+3.6697+.0232	-30 1 15.6	-12.725+.419	96.4	1
5140	CZ 1431	9.0	22 31.63	+3.7693+.0265	-33 58 57.7	-12.719+.430	96.4	2
5141	CZ 1437	9.0	22 33.34	+3.6925+.0239	-30 56 52.9	-12.717+.421	96.4	2
5142	CZ 1440	6.8	22 35.20	+3.6970+.0240	-31 7 41.0	-12.715+.422	97.4	2
5143	L 6395	7.0	22 54.21	+3.6350+.0220	-28 31 5.9	-12.694+.416	99.4	2
5144	CZ 1470	9.2	22 54.31	+3.6350+.0220	-28 30 57.0	-12.693+.416	99.4	2
5145	CZ 1474	9.0	23 4.96	+3.7993+.0274	-35 3 21.0	-12.681+.434	97.4	2
5146	CZ 1491	8.8	23 22.59	+3.6355+.0220	-28 30 0.8	-12.662+.416	96.4	2
5147	Yarn 6472	8.4	24 8.92	+3.8658+.0296	-37 20 42.0	-12.609+.443	99.4	3
5148	CZ 1559	8.0	24 21.59	+3.7544+.0257	-33 14 11.1	-12.595+.431	97.4	2
5149	CZ 1570	9.1	24 27.55	+3.7202+.0245	-31 53 20.9	-12.588+.427	97.5	2
5150	CZ 1575	8.6	15 24 30.83	+3.5571+.0195	-24 57 19.1	-12.584+.409	96.4	2

5120 9<sup>m</sup>7 3" 110° Mean 16°08 36'6 96'5 1 obs

5139 Circle reading changed one degree.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5151	CZ 1579	8.0	15 24 41.53	+3.8100+.0275	-35 17 44.4	-12.572+.438	97.5	2
5152	CZ 1605	7.0	24 59.87	+3.7622+.0258	-33 28 35.4	-12.551+.433	97.4	2
5153	Lal 28221	8.8	25 11.35	+3.5175+.0183	-23 5 25.2	-12.538+.405	96.4	2
5154	CZ 1623	7.8	25 14.26	+3.5223+.0184	-23 18 45.8	-12.535+.406	96.4	2
5155	CZ 1628	8.8	25 27.29	+3.8094+.0274	-35 12 14.8	-12.520+.439	97.5	2
5156	CZ 1638	6.5	25 35.23	+3.7392+.0250	-32 32 20.1	-12.511+.431	96.4	2
5157	CZ 1648	8.7	25 37.34	+3.5352+.0187	-23 52 33.5	-12.509+.408	96.5	2
5158	CZ 1659	8.0	26 1.32	+3.8822+.0298	-37 43 48.0	-12.481+.448	97.4	2
5159	CZ 1667	8.0	26 3.97	+3.6250+.0213	-27 49 32.3	-12.478+.419	99.4	2
5160	CZ 1664	8.6	26 4.69	+3.7507+.0253	-32 56 19.1	-12.477+.433	97.5	2
5161	CZ 1671	8.6	26 9.38	+3.6967+.0235	-30 48 5.3	-12.472+.427	96.5	2
5162	GC 21041	7.6	26 20.74	+3.4880+.0174	-21 37 32.9	-12.459+.404	99.4	2
5163	CZ 1682	7.0	26 21.19	+3.5290+.0185	-23 32 22.7	-12.459+.408	99.4	2
5164	CZ 1685	8.8	26 28.80	+3.7167+.0241	-31 34 20.5	-12.450+.430	96.4	2
5165	CZ 1742	7.3	27 9.61	+3.5730+.0196	-25 27 39.1	-12.403+.414	99.4	2
5166	CZ 1740	8.4	27 13.12	+3.7819+.0261	-34 1 14.4	-12.399+.438	97.5	2
5167	CZ 1750	7.2	27 13.72	+3.5438+.0188	-24 8 58.6	-12.398+.411	96.4	2
5168	CZ 1753	7.2	27 14.38	+3.5438+.0188	-24 9 3.6	-12.398+.411	96.4	2
5169	CZ 1744	8.1	27 18.15	+3.8733+.0292	-37 18 5.3	-12.393+.449	98.4	2
5170	CZ 1792	8.4	27 44.16	+3.6971+.0233	-30 40 50.6	-12.364+.429	96.4	2
5171	CZ 1806	6.9	27 53.96	+3.7522+.0250	-32 50 0.7	-12.352+.436	98.4	2
5172	CZ 1819	7.9	27 58.30	+3.5588+.0191	-24 46 22.2	-12.347+.414	99.4	2
5173	$\gamma$ Lupi	3.0	28 28.55	+3.9844+.0330	-40 49 49.9	-12.313+.464	97.5	14
5174	Br 1958	5.2	28 33.45	+3.6271+.0210	-27 42 36.3	-12.307+.423	99.4	2
5175	CZ 1901	8.0	29 14.49	+3.6522+.0217	-28 42 53.8	-12.260+.426	99.4	2
5176	CZ 1913	7.8	29 17.72	+3.5751+.0194	-25 23 56.8	-12.256+.418	99.4	2
5177	CZ 1936	8.6	29 40.47	+3.5887+.0198	-25 58 2.2	-12.230+.420	96.4	2
5178	CZ 1954	6.2	29 54.80	+3.7549+.0248	-32 45 32.8	-12.213+.439	98.4	2
5179	CZ 1957	8.7	29 59.57	+3.8730+.0286	-37 2 20.1	-12.207+.453	98.4	2
5180	CZ 1969	7.0	30 6.61	+3.6528+.0216	-28 39 57.6	-12.199+.428	99.4	2
5181	CZ 1977	8.8	30 22.42	+3.8978+.0294	-37 50 53.9	-12.181+.456	96.4	2
5182	CZ 1987	8.2	30 28.08	+3.7443+.0243	-32 18 15.8	-12.174+.439	99.4	2
5183	CZ 2009	7.9	30 42.59	+3.7496+.0244	-32 29 5.3	-12.158+.440	99.5	2
5184	$\nu$ Librae	3.8	30 57.12	+3.6338+.0209	-27 48 14.1	-12.141+.427	97.5	8
5185	CZ 2023	8.5	31 0.48	+3.8662+.0282	-36 42 42.0	-12.137+.454	98.9	2
5186	CPD-31° 4163	8.2	31 2.94	+3.7307+.0238	-31 43 33.0	-12.134+.438	99.5	2
5187	CZ 2040	7.5	31 6.44	+3.5956+.0198	-26 9 40.7	-12.130+.422	99.4	2
5188	CZ 2046	8.2	31 14.26	+3.7176+.0234	-31 11 41.2	-12.121+.437	99.4	2
5189	CZ 2070	6.0	31 28.44	+3.5914+.0196	-25 56 56.4	-12.104+.422	97.9	4
5190	CZ 2073	7.0	31 39.50	+3.7115+.0231	-30 55 19.3	-12.092+.437	99.4	2
5191	GC 21169	7.6	31 40.52	+3.4990+.0171	-21 47 11.4	-12.090+.412	99.5	2
5192	CZ 2078	8.8	31 40.87	+3.5995+.0198	-26 17 21.0	-12.090+.424	96.4	2
5193	CZ 2081	8.6	31 49.28	+3.7912+.0256	-33 57 16.2	-12.080+.446	99.4	2
5194	Yarn 6539	5.8	31 55.18	+3.5216+.0177	-22 48 35.1	-12.073+.415	99.5	2
5195	CZ 2088	6.8	31 58.14	+3.9320+.0303	-38 49 51.8	-12.070+.463	98.9	2
5196	CZ 2098	6.0	32 7.42	+3.9314+.0302	-38 47 57.1	-12.059+.463	98.9	2
5197	CZ 2105	6.6	32 10.81	+3.6378+.0209	-27 52 37.7	-12.055+.429	99.5	2
5198	$\tau$ Librae	3.8	32 30.76	+3.6765+.0219	-29 26 55.6	-12.032+.434	97.4	8
5199	CZ 2167	8.5	33 5.74	+3.8038+.0258	-34 18 20.2	-11.991+.449	98.4	2
5200	L 6463	4.6	15 33 24.81	+3.7985+.0255	-34 5 7.7	-11.969+.449	97.5	8



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5201	CZ 2184	8.6	15 33 25.13	+3.8551+.0274	-36 6 35.1	-11.968+.456	98.9	2
5202	GC 21211	6.8	33 28.24	+3.5242+.0176	-22 49 22.5	-11.965+.417	99.4	2
5203	CZ 2193	9.2	33 31.36	+3.8054+.0257	-34 19 49.3	-11.961+.450	96.4	2
5204	CZ 2201	7.5	33 32.49	+3.6269+.0204	-27 19 1.7	-11.960+.429	99.4	2
5205	CZ 2194	8.0	33 32.67	+3.8479+.0271	-35 50 44.8	-11.959+.455	98.9	2
5206	CZ 2213	8.1	33 41.23	+3.5389+.0180	-23 28 28.3	-11.949+.419	96.4	2
5207	CZ 2238	9.3	34 0.21	+3.7034+.0225	-30 24 34.9	-11.927+.439	96.4	2
5208	CZ 2241	7.4	34 3.16	+3.7157+.0229	-30 53 16.6	-11.924+.440	97.5	2
5209	CZ 2252	8.7	34 12.21	+3.6846+.0219	-29 38 32.5	-11.913+.437	96.5	2
5210	Br 1978	5.1	34 22.05	+3.5404+.0179	-23 29 35.0	-11.902+.420	97.4	8
5211	CZ 2260	7.8	34 23.65	+3.8290+.0263	-35 6 5.4	-11.900+.454	98.4	2
5212	CZ 2275	8.8	34 27.64	+3.6632+.0213	-28 45 11.4	-11.895+.435	96.5	2
5213	CZ 2347	8.0	35 24.77	+3.6705+.0213	-28 58 37.0	-11.828+.437	99.4	2
5214	CZ 2353	8.1	35 29.57	+3.6679+.0213	-28 51 50.4	-11.822+.437	96.4	2
5215	CZ 2351	8.2	35 30.17	+3.7351+.0232	-31 31 29.3	-11.822+.445	98.4	2
5216	CZ 2349	8.6	35 30.41	+3.8167+.0257	-34 33 58.1	-11.821+.454	96.5	2
5217	CZ 2372	8.8	35 44.22	+3.6922+.0219	-29 49 27.3	-11.805+.440	96.5	2
5218	CZ 2374	9.5	35 45.34	+3.6920+.0219	-29 48 54.6	-11.804+.440	96.5	1
5219	CZ 2378	9.1	35 47.76	+3.7068+.0223	-30 24 6.7	-11.801+.442	96.5	2
5220	GC 21270	8.1	35 59.42	+3.5306+.0175	-22 56 59.3	-11.787+.421	96.5	2
5221	CZ 2412	7.3	36 1.83	+3.5538+.0181	-23 58 40.7	-11.784+.424	96.4	2
5222	CZ 2403	8.6	36 4.34	+3.8426+.0264	-35 26 18.3	-11.781+.458	99.4	2
5223	I 6486	5.3	36 8.21	+3.8911+.0280	-37 6 14.2	-11.777+.464	96.4	2
5224	Br 1980	4.8	36 18.55	+3.8137+.0255	-34 23 21.8	-11.764+.455	97.5	3
5225	CZ 2431	8.1	36 24.41	+3.7458+.0234	-31 51 56.2	-11.758+.447	97.4	2
5226	CZ 2441	9.0	36 34.80	+3.8139+.0254	-34 22 32.6	-11.745+.455	97.5	2
5227	CZ 2465	8.3	37 3.51	+3.8860+.0276	-36 51 1.6	-11.711+.464	98.4	2
5228	CZ 2472	7.3	37 6.44	+3.7798+.0243	-33 5 12.0	-11.708+.452	97.5	2
5229	CZ 2483	9.1	37 11.54	+3.7822+.0243	-33 10 0.3	-11.702+.453	97.5	2
5230	GC 21301	9.2	37 11.91	+3.5811+.0187	-25 5 43.6	-11.701+.429	99.4	2
5231	CPD-26° 5494	9.0	37 12.15	+3.6052+.0193	-26 7 35.0	-11.701+.432	96.5	1
5232	CZ 2492	8.0	37 12.32	+3.5812+.0187	-25 5 46.1	-11.701+.429	99.4	2
5233	CZ 2491	8.1	37 14.79	+3.7050+.0221	-30 12 57.7	-11.698+.444	98.4	2
5234	CZ 2497	9.1	37 15.13	+3.6060+.0193	-26 9 25.1	-11.698+.432	96.9	2
5235	CZ 2537	8.2	37 47.58	+3.7524+.0234	-32 0 6.6	-11.659+.450	97.5	2
5236	CZ 2539	7.0	37 49.53	+3.7336+.0228	-31 16 59.8	-11.657+.448	97.0	4
5237	CZ 2540	8.5	37 52.34	+3.8334+.0258	-34 57 42.3	-11.653+.460	97.5	2
5238	CZ 2543	7.6	37 55.02	+3.7109+.0221	-30 23 38.9	-11.650+.445	99.4	2
5239	CZ 2549	8.8	38 9.98	+3.8937+.0277	-37 1 7.3	-11.632+.467	98.9	2
5240	CZ 2556	8.8	38 10.88	+3.6984+.0217	-29 52 58.4	-11.631+.444	96.4	1
5241	CZ 2572	8.0	38 21.12	+3.5596+.0180	-24 4 42.8	-11.619+.428	99.4	2
5242	CZ 2579	7.6	38 34.47	+3.7116+.0221	-30 22 10.1	-11.603+.446	99.4	2
5243	CZ 2587	8.0	38 42.23	+3.8304+.0256	-34 47 7.6	-11.594+.460	97.5	2
5244	CZ 2591	8.6	38 46.46	+3.7857+.0241	-33 10 2.6	-11.589+.455	97.5	2
5245	CZ 2593	9.0	38 47.57	+3.7682+.0237	-32 30 51.4	-11.588+.453	98.9	2
5246	CZ 2617	8.2	39 5.94	+3.6586+.0205	-28 13 1.0	-11.566+.440	96.4	2
5247	CZ 2635	8.8	39 23.89	+3.7463+.0229	-31 38 41.4	-11.545+.451	97.5	2
5248	CZ 2654	7.4	39 36.08	+3.6972+.0215	-29 43 36.6	-11.530+.446	99.4	2
5249	CZ 2657	9.0	39 36.56	+3.7050+.0217	-30 1 54.8	-11.529+.447	96.4	2
5250	CZ 2665	9.0	15 39 40.61	+3.6929+.0214	-29 32 55.9	-11.525+.445	96.5	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5251	CZ 2670	8.0	15 39 46.84	+3.5872+.0185	-25 10 54.1	-11.517+.433	99.4	2
5252	A 12125	7.2	39 49.82	+3.5248+.0169	-22.26 19.9	-11.514+.426	99.4	2
5253	Cape <sub>60</sub> 2831	7.8	39 52.64	+3.5693+.0180	-24 24 5.7	-11.510+.431	96.5	2
5254	CZ 2682	9.0	40 0.23	+3.8558+.0261	-35 34 4.7	-11.501+.465	97.4	2
5255	CZ 2696	9.1	40 5.19	+3.6492+.0201	-27 45 33.2	-11.495+.441	96.5	2
5256	CZ 2699	7.2	40 7.38	+3.6490+.0201	-27 44 52.7	-11.493+.441	96.5	2
5257	L 6514	5.6	40 20.83	+3.8224+.0251	-34 22 9.7	-11.476+.462	97.5	2
5258	CZ 2715	8.5	40 21.61	+3.8876+.0271	-36 37 26.4	-11.476+.469	98.2	4
5259	CZ 2730	8.6	40 29.95	+3.7208+.0220	-30 34 44.8	-11.466+.450	96.5	2
5260	CZ 2739	7.0	40 38.71	+3.8466+.0257	-35 11 52.5	-11.455+.465	97.5	2
5261	CZ 2740	8.0	40 40.38	+3.8469+.0257	-35 12 20.0	-11.453+.465	97.5	2
5262	CZ 2756	8.8	40 50.12	+3.7850+.0238	-32 58 29.5	-11.441+.458	97.5	2
5263	CZ 2765	8.8	40 58.22	+3.7671+.0233	-32 18 10.0	-11.432+.456	98.9	2
5264	CZ 2764	6.2	40 59.46	+3.9185+.0279	-37 35 58.9	-11.430+.474	96.4	3
5265	CZ 2796	8.4	41 22.90	+3.7712+.0233	-32 25 33.7	-11.402+.457	97.5	2
5266	CZ 2803	8.5	41 28.37	+3.8546+.0258	-35 24 29.3	-11.396+.467	97.9	2
2267	CZ 2801	8.0	41 28.57	+3.9126+.0276	-37 21 52.8	-11.395+.474	99.4	2
5268	CZ 2809	8.8	41 32.07	+3.6826+.0208	-29 0 3.9	-11.391+.447	96.4	2
5269	CZ 2808	8.2	41 32.19	+3.7824+.0236	-32 49 22.9	-11.391+.458	97.5	2
5270	CZ 2819	8.6	41 43.62	+3.7927+.0239	-33 11 9.2	-11.377+.460	97.5	2
5271	CZ 2823	8.6	41 47.63	+3.7588+.0229	-31 55 45.7	-11.372+.456	97.5	2
5272	CZ 2832	7.2	41 54.95	+3.6022+.0186	-25 40 38.1	-11.364+.437	99.4	2
5273	CZ 2846	7.6	42 4.09	+3.5843+.0182	-24 54 19.8	-11.353+.435	99.4	2
5274	CZ 2848	8.6	42 10.22	+3.8187+.0246	-34 5 26.0	-11.345+.464	97.4	2
5275	CZ 2856	8.2	42 14.05	+3.7556+.0227	-31 46 37.1	-11.341+.456	97.5	2
5276	CZ 2859	8.2	42 14.78	+3.6708+.0204	-28 28 47.1	-11.340+.446	99.4	2
5277	A 12159	8.8	42 17.48	+3.5492+.0173	-23 22 19.9	-11.337+.432	96.4	1
5278	CZ 2880	7.0	42 30.78	+3.5531+.0174	-23 31 31.0	-11.321+.432	99.4	2
5279	CZ 2887	8.5	42 37.80	+3.6418+.0196	-27 16 27.0	-11.312+.443	96.4	3
5280	CZ 2891	8.1	42 42.21	+3.6891+.0208	-29 10 31.0	-11.307+.449	99.5	3
5281	CZ 2913	8.6	42 55.01	+3.5502+.0172	-23 22 39.7	-11.291+.432	96.5	2
5282	CZ 2921	9.0	43 3.52	+3.6720+.0203	-28 28 9.4	-11.281+.447	96.5	2
5283	CZ 2914	9.2	43 4.61	+3.8849+.0264	-36 18 40.1	-11.280+.473	98.5	2
5284	CZ 2944	8.0	43 24.25	+3.7776+.0232	-32 30 4.7	-11.256+.460	97.7	4
5285	A 12183	7.5	44 5.47	+3.5024+.0160	-21 11 5.1	-11.206+.428	99.4	2
5286	CZ 3006	8.6	44 23.03	+3.8032+.0237	-33 21 30.9	-11.185+.464	99.4	2
5287	CZ 3019	8.5	44 30.28	+3.8425+.0249	-34 44 36.0	-11.176+.470	97.5	2
5288	CZ 3029	7.0	44 33.20	+3.6138+.0186	-25 59 5.0	-11.173+.442	99.5	2
5289	χ Lupi	4.1	44 36.17	+3.8026+.0236	-33 19 21.2	-11.169+.465	97.6	10
5290	CZ 3039	9.2	44 44.47	+3.7121+.0211	-29 55 48.1	-11.159+.454	96.4	1
5291	CZ 3043	7.8	44 44.71	+3.5431+.0169	-22 57 10.9	-11.159+.434	97.7	5
5292	CZ 3047	8.4	44 52.72	+3.7085+.0210	-29 46 44.7	-11.149+.454	96.5	2
5293	Br 2000	4.8	44 57.79	+3.6016+.0183	-25 26 50.3	-11.143+.441	97.5	9
5294	CZ 3052	9.0	44 58.77	+3.7459+.0220	-31 12 14.8	-11.142+.459	96.5	2
5295	CPD-25° 5668*	9.3	45 0.75	+3.6095+.0185	-25 46 41.5	-11.139+.442	96.5	1
5296	CZ 3051	7.6	45 2.40	+3.9145+.0269	-37 8 6.9	-11.137+.479	99.4	2
5297	A 12197	8.0	45 12.04	+3.5294+.0165	-22 19 21.5	-11.126+.432	99.4	2
5298	CZ 3074	7.0	45 13.30	+3.7780+.0229	-32 23 1.6	-11.124+.463	98.0	2
5299	CZ 3116	8.0	45 51.66	+3.8192+.0240	-33 49 5.8	-11.078+.469	98.4	2
5300	CZ 3134	8.8	15 46 1.10	+3.6121+.0184	-25 49 14.4	-11.066+.444	96.5	1

5295 2' error assumed in circle reading.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5301	CZ 3133	7.9	15 46 1.57	+3.6218+.0186	-26 13 18.1	-11.066+.445	99.4	2
5302	L 6562	7.4	46 2.24	+3.7056+.0208	-29 35 0.1	-11.065+.455	99.4	2
5303	A 12211	8.5	46 17.45	+3.5095+.0159	-21 22 53.3	-11.046+.431	99.4	2
5304	CZ 3146	8.4	46 18.98	+3.9165+.0267	-37 5 51.9	-11.044+.481	98.9	2
5305	CZ 3168	9.0	46 28.80	+3.6366+.0190	-26 48 2.2	-11.032+.447	96.4	2
5306	CZ 3175	8.5	46 38.36	+3.6366+.0189	-26 47 24.0	-11.021+.447	96.4	1
5307	CZ 3193	7.2	46 59.02	+3.7306+.0213	-30 28 44.3	-10.996+.459	99.4	2
5308	Anon	9.0	47 36.10	+3.5956+.0178	-25 1 42.4	-10.950+.444	97.5	1
5309	Br 2006	4.7	47 36.40	+3.5956+.0178	-25 1 42.7	-10.950+.444	97.4	5
5310	CZ 3245	9.2	47 54.34	+3.8665+.0249	-35 18 22.2	-10.928+.477	96.5	2
5311	Br 2009	5.4	47 55.39	+3.5773+.0173	-24 14 6.3	-10.927+.442	99.4	2
5312	Pi 192	5.4	47 58.68	+3.5644+.0170	-23 40 48.7	-10.923+.440	97.5	8
5313	CZ 3266	8.0	48 13.73	+3.7237+.0209	-30 7 37.0	-10.904+.460	96.5	2
5314	CZ 3268	8.7	48 20.71	+3.9251+.0266	-37 13 6.2	-10.896+.485	98.4	2
5315	CZ 3282	6.0	48 24.66	+3.6457+.0189	-27 2 30.6	-10.891+.451	99.4	2
5316	Br 2012	5.9	48 39.23	+3.5952+.0176	-24 56 49.8	-10.873+.445	99.4	2
5317	GC 21525	7.5	48 47.11	+3.5374+.0163	-22 28 12.0	-10.863+.438	99.4	2
5318	CZ 3313	8.8	48 55.24	+3.6605+.0192	-27 36 28.3	-10.854+.453	96.5	2
5319	CZ 3338	7.2	49 14.89	+3.7431+.0213	-30 47 24.1	-10.829+.464	97.5	2
5320	CZ 3352	9.0	49 21.10	+3.6209+.0182	-25 58 17.6	-10.822+.449	99.4	1
5321	CZ 3345	8.0	49 22.27	+3.8720+.0248	-35 22 57.5	-10.820+.479	98.0	2
5322	Br 2014	5.6	49 27.36	+3.6210+.0182	-25 58 16.0	-10.814+.449	99.4	2
5323	CZ 3378	7.4	49 37.78	+3.6330+.0184	-26 27 4.3	-10.801+.451	96.5	2
5324	CZ 3394	6.9	49 56.23	+3.7633+.0217	-31 29 35.8	-10.779+.467	98.4	2
5325	CZ 3405	8.0	50 2.91	+3.6140+.0179	-25 38 31.5	-10.770+.449	96.4	2
5326	ξ <sup>1</sup> Lupi	5.4	50 29.65	+3.8249+.0233	-33 40 23.5	-10.737+.475	96.5	2
5327	ξ <sup>2</sup> Lupi	5.7	50 30.56	+3.8248+.0233	-33 40 15.3	-10.736+.475	96.5	2
5328	CZ 3440	7.5	50 35.63	+3.8823+.0249	-35 38 7.5	-10.730+.482	97.5	2
5329	ρ Scorpii	4.0	50 42.54	+3.6969+.0199	-28 55 19.4	-10.722+.460	97.5	10
5330	CZ 3461	6.0	50 51.12	+3.8906+.0251	-35 53 40.4	-10.711+.484	98.4	2
5331	A 12275	8.0	50 52.13	+3.5499+.0163	-22 53 31.3	-10.710+.442	99.4	2
5332	CZ 3475	8.8	51 6.36	+3.7930+.0223	-32 29 30.2	-10.692+.472	98.9	2
5333	CZ 3484	7.5	51 7.20	+3.6577+.0188	-27 21 2.0	-10.691+.456	99.4	2
5334	CZ 3483	8.6	51 9.66	+3.7931+.0223	-32 29 33.5	-10.688+.472	98.9	2
5335	GC 21609	7.2	51 20.80	+3.5115+.0155	-21 11 42.2	-10.674+.438	99.4	2
5336	CZ 3521	7.2	51 41.81	+3.7651+.0215	-31 26 19.7	-10.648+.470	98.0	2
5337	CZ 3537	7.4	51 52.08	+3.5593+.0164	-23 14 15.6	-10.636+.444	99.4	2
5338	CZ 3528	7.0	51 56.21	+3.9335+.0261	-37 12 51.4	-10.631+.491	99.4	1
5339	L 6621	5.4	52 34.94	+3.5912+.0171	-24 32 35.4	-10.583+.449	99.4	2
5340	CZ 3593	8.8	52 39.79	+3.5693+.0166	-23 36 57.5	-10.577+.446	96.4	2
5341	CZ 3591	8.7	52 47.10	+3.9364+.0260	-37 14 31.6	-10.568+.492	99.4	2
5342	π Scorpii	3.0	52 48.08	+3.6226+.0178	-25 49 34.7	-10.566+.453	97.5	8
5343	CZ 3604	6.8	52 58.94	+3.8032+.0223	-32 43 30.9	-10.553+.476	98.4	2
5344	CZ 3625	7.7	53 16.94	+3.8859+.0245	-35 33 29.3	-10.531+.486	98.5	2
5345	CZ 3644	8.0	53 26.36	+3.7244+.0202	-29 47 48.3	-10.519+.467	96.5	2
5346	GC 21658	8.1	53 26.61	+3.7126+.0199	-29 20 44.4	-10.519+.465	96.5	2
5347	η Lupi	3.6	53 29.57	+3.9656+.0267	-38 6 38.6	-10.515+.496	97.5	8
5348	CZ 3647	8.4	53 31.11	+3.7944+.0219	-32 22 30.8	-10.513+.475	98.9	2
5349	CZ 3650	7.9	53 31.77	+3.7716+.0214	-31 32 57.3	-10.512+.472	98.9	2
5350	CZ 3649	7.5	15 53 32.50	+3.8148+.0225	-33 5 57.2	-10.511+.478	98.0	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5351	CZ 3657	6.8	15 53 36.31	+3.7537+.0209	-30 52 57.0	-10.507+.470	99.4	2
5352	CZ 3680 <sup>1</sup>	8.6	54 0.73	+3.8949+.0246	-35 48 11.0	-10.476+.488	99.4	2
5353	CZ 3680 <sup>2</sup>	9.3	54 1.35	+3.8949+.0246	-35 48 12.3	-10.475+.488	99.4	2
5354	CZ 3695	8.9	54 4.57	+3.5547+.0161	-22 54 56.4	-10.471+.446	96.5	2
5355	CZ 3703	8.8	54 13.22	+3.7803+.0214	-31 48 56.8	-10.461+.474	99.4	2
5356	CZ 3712	8.5	54 24.10	+3.8930+.0244	-35 42 38.3	-10.447+.489	99.4	2
5357	δ Scorpii	2.5	54 25.14	+3.5416+.0158	-22 20 14.1	-10.446+.445	97.6	17
5358	CZ 3729	8.5	54 42.97	+3.7976+.0218	-32 24 23.8	-10.424+.477	96.4	3
5359	CZ 3743	8.7	54 54.74	+3.6725+.0187	-27 41 45.1	-10.409+.462	96.5	2
5360	CZ 3747	8.0	54 58.76	+3.6489+.0181	-26 45 50.2	-10.404+.459	96.5	2
5361	CZ 3746	6.8	55 0.83	+3.7760+.0212	-31 36 25.0	-10.401+.475	97.5	2
5362	CZ 3771	7.7	55 20.73	+3.8544+.0232	-34 20 44.6	-10.377+.485	97.6	2
5363	CZ 3772	8.3	55 23.39	+3.9426+.0256	-37 15 8.8	-10.373+.496	98.4	2
5364	CZ 3778	7.8	55 31.90	+3.9184+.0249	-36 27 44.4	-10.363+.493	98.4	2
5365	CZ 3799	9.0	55 44.31	+3.7452+.0203	-30 25 31.7	-10.347+.472	96.4	2
5366	CZ 3803	8.6	55 49.94	+3.8744+.0236	-34 59 19.2	-10.340+.488	99.4	2
5367	CZ 3811	9.0	55 53.75	+3.8042+.0218	-32 33 38.4	-10.335+.479	97.5	2
5368	CZ 3813	8.6	55 58.31	+3.8275+.0224	-33 22 26.7	-10.330+.482	99.4	2
5369	CZ 3816*	8.8	56 0.24	+3.7921+.0214	-32 7 16.1	-10.327+.478	99.0	2
5370	Lal 29113	7.5	56 1.85	+3.5287+.0153	-21 41 56.4	-10.325+.445	99.4	2
5371	CZ 3826	8.4	56 15.04	+3.9029+.0244	-35 54 16.3	-10.309+.492	97.5	2
5372	CZ 3827	8.5	56 15.06	+3.8734+.0236	-34 55 38.8	-10.309+.489	99.4	2
5373	A 12341	7.9	56 18.28	+3.5455+.0157	-22 24 24.4	-10.305+.448	99.4	2
5374	CZ 3842	6.6	56 27.68	+3.7049+.0192	-28 51 22.1	-10.293+.468	99.4	2
5375	GC 21727	8.2	56 36.27	+3.7531+.0204	-30 39 46.3	-10.282+.474	96.4	2
5376	CZ 3852	8.9	56 37.00	+3.7865+.0212	-31 52 57.3	-10.281+.478	97.5	2
5377	CZ 3857	8.1	56 44.83	+3.8769+.0235	-35 0 29.7	-10.271+.490	97.5	2
5378	CZ 3860	7.8	56 48.16	+3.9334+.0251	-36 51 16.6	-10.267+.497	99.4	2
5379	CZ 3864	9.0	56 48.68	+3.9251+.0249	-36 35 12.1	-10.267+.496	98.9	2
5380	CZ 3877	8.1	56 48.70	+3.5578+.0158	-22 54 7.7	-10.267+.450	99.4	2
5381	GC 21736	9.3	56 51.06	+3.6017+.0168	-24 44 0.8	-10.264+.455	99.5	1
5382	GC 21737	7.6	56 51.11	+3.6018+.0168	-24 44 6.0	-10.264+.455	99.5	3
5383	CZ 3883	8.2	57 1.28	+3.8802+.0236	-35 6 0.4	-10.251+.490	97.5	2
5384	CZ 3899	7.6	57 10.86	+3.6441+.0177	-26 26 2.5	-10.239+.461	97.7	5
5385	CZ 3903	6.1	57 15.26	+3.7834+.0210	-31 43 20.7	-10.233+.478	98.0	4
5386	Pi 237	5.1	57 17.97	+3.6232+.0172	-25 35 11.6	-10.230+.459	98.0	4
5387	CZ 3908	8.8	57 19.27	+3.7328+.0198	-29 51 31.1	-10.228+.472	96.5	2
5388	CZ 3916N	8.4	57 26.60	+3.8137+.0218	-32 47 30.6	-10.219+.483	97.5	2
5389	CZ 3916S	8.1	57 26.65	+3.8137+.0218	-32 47 33.4	-10.219+.483	97.5	2
5390	CZ 3931	9.3	57 31.30	+3.6875+.0187	-28 7 15.4	-10.213+.467	96.4	2
5391	CZ 3930	8.5	57 36.99	+3.9408+.0251	-37 1 48.6	-10.206+.499	98.9	2
5392	CZ 3937	8.2	57 39.31	+3.8836+.0236	-35 10 16.7	-10.203+.492	97.5	2
5393	CZ 3963	7.8	57 54.23	+3.5963+.0166	-24 27 0.1	-10.184+.456	99.4	2
5394	CZ 3955	6.6	57 55.05	+3.8188+.0218	-32 56 12.1	-10.183+.484	97.4	2
5395	CZ 3964	8.0	58 2.04	+3.8368+.0223	-33 33 19.5	-10.175+.486	99.4	2
5396	CZ 3988	7.8	58 19.30	+3.7027+.0189	-28 39 19.7	-10.153+.470	99.4	2
5397	CZ 4017	8.4	58 54.74	+3.7714+.0205	-31 10 55.2	-10.108+.479	97.5	2
5398	CZ 4022	8.9	58 57.38	+3.8117+.0215	-32 37 12.8	-10.105+.484	98.0	2
5399	CZ 4020	8.0	58 59.05	+3.9084+.0240	-35 53 40.2	-10.103+.496	96.4	2
5400	CZ 4028	8.2	15 59 3.32	+3.8438+.0223	-33 43 49.0	-10.097+.488	97.5	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5401	CZ 4035	7.0	15 59 5.90	+3.7718+.0205	-31 10 57.0	-10.094+.479	97.5	2
5402	CZ 4048	8.2	59 19.97	+3.8114+.0214	-32 35 0.4	-10.076+.484	97.5	2
5403	CZ 4054	7.8	59 21.17	+3.5728+.0159	-23 23 42.0	-10.075+.454	99.4	2
5404	CZ 4068	8.0	59 36.04	+3.5864+.0162	-23 56 56.8	-10.056+.457	99.4	2
5405	A 12394	8.0	15 59 49.70	+3.5301+.0150	-21 33 55.8	-10.039+.450	99.4	2
5406	$\theta$ Lupi	4.3	16 0 1.48	+3.9304+.0244	-36 31 47.8	-10.024+.500	97.5	8
5407	L 6689	5.9	0 8.39	+3.5723+.0158	-23 20 1.5	-10.015+.455	99.5	2
5408	CZ 4130	5.8	0 41.53	+3.9304+.0242	-36 29 4.0	-9.974+.501	98.0	2
5409	CZ 4138	7.7	0 46.89	+3.8225+.0214	-32 52 37.2	-9.967+.488	97.0	4
5410	CZ 4144	8.4	0 49.57	+3.6753+.0180	-27 26 54.2	-9.963+.469	99.4	2
5411	CZ 4142	8.0	0 52.28	+3.8389+.0218	-33 26 20.0	-9.960+.490	98.4	2
5412	CZ 4149	7.2	1 0.21	+3.9300+.0242	-36 27 3.8	-9.950+.502	98.0	2
5413	CZ 4179	9.4	1 18.40	+3.8514+.0220	-33 50 24.6	-9.927+.492	96.4	2
5414	CZ 4194	8.2	1 31.77	+3.9159+.0237	-35 57 45.7	-9.910+.500	97.9	2
5415	CZ 25	6.8	1 51.65	+3.5953+.0161	-24 11 35.8	-9.885+.460	99.4	3
5416	CZ 30	8.0	1 58.62	+3.6774+.0178	-27 27 45.1	-9.876+.471	99.4	2
5417	Pi 265	5.6	2 1.79	+3.6417+.0170	-26 3 32.0	-9.872+.466	97.5	8
5418	CZ 28	8.3	2 1.85	+3.8843+.0228	-34 53 45.1	-9.872+.497	98.4	2
5419	CZ 78	9.2	2 28.41	+3.7075+.0184	-28 35 14.8	-9.838+.475	96.5	2
5420	A 12429	9.2	2 29.58	+3.7157+.0186	-28 53 43.6	-9.837+.476	96.5	2
5421	CZ 103	5.8	2 45.27	+3.5776+.0156	-23 25 6.1	-9.817+.459	96.5	2
5422	CZ 88	8.8	2 46.76	+3.8960+.0229	-35 13 48.5	-9.815+.499	96.4	2
5423	CZ 102	8.8	2 50.56	+3.7964+.0204	-31 49 34.1	-9.810+.487	97.5	2
5424	CZ 108	8.5	2 55.89	+3.8803+.0225	-34 42 12.8	-9.803+.498	98.9	2
5425	A 12437	9.0	3 0.77	+3.7203+.0186	-29 2 18.9	-9.797+.477	96.4	2
5426	CZ 125	8.0	3 9.56	+3.8127+.0208	-32 22 59.4	-9.786+.489	98.4	2
5427	CZ 131	7.7	3 9.72	+3.7679+.0197	-30 47 10.0	-9.785+.484	96.5	3
5428	CZ 126	8.5	3 10.25	+3.8127+.0208	-32 22 59.2	-9.785+.489	98.4	2
5429	L 6711	5.6	3 27.80	+3.8392+.0214	-33 16 49.6	-9.762+.493	97.5	8, 7
5430	CZ 151	7.8	3 28.94	+3.9018+.0229	-35 22 34.6	-9.761+.501	96.4	2
5431	CZ 187	8.5	3 52.78	+3.6045+.0160	-24 27 50.3	-9.731+.464	96.4	1
5432	CZ 205	7.0	4 9.12	+3.6012+.0159	-24 19 5.2	-9.710+.463	96.5	2
5433	CZ 203	7.0	4 9.20	+3.6596+.0171	-26 38 42.0	-9.710+.471	99.4	2
5434	CZ 206	8.7	4 10.18	+3.6207+.0163	-25 6 11.4	-9.708+.466	96.5	2
5435	CZ 202	8.0	4 10.29	+3.7216+.0185	-29 1 13.2	-9.708+.479	96.5	1
5436	A 12461	7.4	4 24.89	+3.5430+.0147	-21 53 37.0	-9.690+.456	99.4	2
5437	A 12462	8.3	4 28.13	+3.5658+.0152	-22 50 34.6	-9.686+.459	99.4	2
5438	Pi 280	5.2	4 49.18	+3.7262+.0185	-29 9 8.2	-9.659+.480	97.5	8
5439	CZ 254	8.5	4 55.40	+3.7915+.0200	-31 31 30.0	-9.651+.488	97.0	4
5440	CZ 279	8.8	5 13.46	+3.7920+.0200	-31 31 29.9	-9.628+.489	97.5	1
5441	CZ 297	8.3	5 25.53	+3.8058+.0202	-31 59 53.9	-9.612+.491	98.0	2
5442	CZ 300	7.0	5 26.07	+3.6677+.0171	-26 53 24.0	-9.612+.473	99.4	2
5443	GC 21941	9.2	5 42.11	+3.6784+.0173	-27 17 25.0	-9.591+.475	96.5	2
5444	CZ 314	8.5	5 42.14	+3.6784+.0173	-27 17 31.2	-9.591+.475	96.5	3
5445	CZ 324	8.2	5 47.77	+3.6359+.0164	-25 37 20.3	-9.584+.470	96.4	2
5446	Br 2051	5.7	6 5.08	+3.7016+.0178	-28 9 26.0	-9.562+.478	99.4	2
5447	Anon	8.5	6 5.43	+3.7016+.0178	-28 9 24.5	-9.561+.478	99.4	2
5448	Br 2052	4.7	6 8.50	+3.6888+.0175	-27 40 1.1	-9.557+.477	97.8	12
5449	CZ 361	8.4	6 23.91	+3.7487+.0188	-29 53 36.3	-9.537+.485	96.4	2
5450	CZ 375	8.8	16 6 32.64	+3.6998+.0177	-28 3 49.6	-9.526+.478	96.4	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5451	CZ 388	8.2	16 6 40.24	+3.6951+.0176	-27 52 28.9	- 9.516+.478	99.4	2
5452	CZ 387*	7.5	6 44.49	+3.8680+.0215	-34 2 56.6	- 9.511+.500	97.5	2
5453	CZ 404	8.0	7 1.16	+3.8049+.0199	-31 52 16.6	- 9.490+.493	96.4	2
5454	CZ 425	8.0	7 25.71	+3.7207+.0180	-28 48 0.8	- 9.458+.482	99.4	2
5455	CZ 433	7.8	7 34.84	+3.7523+.0186	-29 57 19.5	- 9.446+.486	96.5	3
5456	CZ 448	6.9	7 44.56	+3.6019+.0155	-24 9 58.5	- 9.434+.467	99.4	2
5457	Pi 10	8.0	7 47.66	+3.5290+.0141	-21 8 40.2	- 9.430+.458	99.4	2
5458	CZ 453	7.6	7 52.27	+3.7930+.0195	-31 24 5.3	- 9.424+.492	96.5	3
5459	CZ 459	6.0	7 58.20	+3.8321+.0204	-32 45 22.4	- 9.416+.497	97.5	2
5460	CZ 502	8.4	8 34.37	+3.8168+.0199	-32 11 31.2	- 9.370+.496	97.5	2
5461	CZ 522	7.4	8 49.67	+3.6298+.0159	-25 13 24.6	- 9.350+.472	99.4	2
5462	GC 22008	7.0	8 57.32	+3.5537+.0144	-22 7 35.4	- 9.340+.462	99.4	2
5463	CZ 545	8.0	9 11.23	+3.6746+.0168	-26 57 15.4	- 9.322+.478	96.4	2
5464	CZ 577	8.1	9 44.13	+3.6220+.0157	-24 52 2.5	- 9.280+.472	96.4	2
5465	CZ 574	8.0	9 46.11	+3.7672+.0186	-30 22 13.5	- 9.277+.491	99.4	2
5466	CZ 576	9.1	9 51.47	+3.9498+.0229	-36 29 52.3	- 9.270+.514	97.5	2
5467	CZ 596	9.0	10 1.39	+3.7298+.0178	-28 59 31.0	- 9.257+.486	96.5	2
5468	CZ 601	8.8	10 10.35	+3.9368+.0225	-36 4 14.0	- 9.246+.513	97.5	2
5469	CZ 618	9.6	10 23.41	+3.8014+.0193	-31 33 2.6	- 9.229+.496	98.5	2
5470	CZ 628	7.3	10 25.83	+3.6020+.0152	-24 1 56.1	- 9.226+.470	96.4	2
5471	CZ 642	8.1	10 37.23	+3.7444+.0180	-29 29 40.7	- 9.211+.489	99.4	2
5472	CZ 652	8.9	10 52.15	+3.8869+.0212	-34 25 24.4	- 9.192+.508	98.0	2
5473	L 6765 <sup>1</sup>	9.0	10 56.04	+3.8916+.0212	-34 34 22.6	- 9.186+.508	97.5	2
5474	CZ 660	8.7	10 56.47	+3.8917+.0212	-34 34 24.5	- 9.186+.508	97.5	2
5475	CZ 702	8.4	11 27.96	+3.7471+.0180	-29 32 55.7	- 9.145+.490	96.4	2
5476	CZ 703	8.4	11 32.57	+3.8868+.0210	-34 22 39.9	- 9.139+.508	97.5	2
5477	CZ 716	7.2	11 43.71	+3.8960+.0212	-34 40 6.5	- 9.125+.509	98.9	2
5478	CZ 719	9.2	11 44.67	+3.7995+.0190	-31 24 17.4	- 9.123+.497	97.9	2
5479	CZ 715	8.5	11 44.98	+3.9479+.0224	-36 19 15.9	- 9.123+.516	97.5	1
5480	CZ 731	8.7	11 55.68	+3.8377+.0198	-32 42 51.0	- 9.109+.502	98.4	2
5481	CZ 738	8.7	12 0.22	+3.8690+.0205	-33 45 49.1	- 9.103+.506	98.9	2
5482	CZ 748	7.8	12 5.31	+3.7007+.0169	-27 47 42.8	- 9.097+.484	99.5	2
5483	Pi 31	4.9	12 5.68	+3.7159+.0172	-28 21 55.7	- 9.096+.486	97.5	9
5484	CZ 789	7.6	12 29.67	+3.5796+.0145	-23 1 42.1	- 9.065+.469	99.5	2
5485	CZ 796	7.5	12 44.84	+3.9158+.0215	-35 14 46.1	- 9.045+.513	98.4	2
5486	CZ 813	8.1	12 56.32	+3.7085+.0169	-28 2 33.4	- 9.030+.486	99.4	2
5487	Pi 35	7.3	13 11.92	+3.7807+.0184	-30 39 32.9	- 9.010+.496	97.5	3
5488	L 6788	5.7	13 13.06	+3.7808+.0184	-30 39 51.3	- 9.008+.496	97.5	8
5489	CZ 918	9.0	14 29.46	+3.7230+.0170	-28 30 10.3	- 8.909+.490	96.4	2
5490	Br 2076	4.8	14 37.07	+3.6043+.0147	-23 55 42.3	- 8.899+.474	99.4	2
5491	CZ 938	9.0	14 46.08	+3.8077+.0187	-31 31 20.8	- 8.887+.501	97.5	2
5492	A 12600	7.5	14 47.86	+3.5473+.0137	-21 36 0.4	- 8.885+.467	99.5	2
5493	CZ 949	7.4	14 59.84	+3.8531+.0196	-33 3 40.9	- 8.869+.507	97.5	2
5494	CZ 959	8.3	15 5.01	+3.6409+.0153	-25 21 8.7	- 8.862+.480	97.2	4
5495	$\sigma$ Scorpii	3.1	15 6.53	+3.6409+.0153	-25 21 10.5	- 8.860+.480	97.6	9
5496	CZ 957	7.5	15 8.06	+3.8514+.0196	-32 59 43.9	- 8.858+.507	97.5	2
5497	CZ 962	9.0	15 9.42	+3.6836+.0161	-26 59 33.2	- 8.856+.485	96.5	2
5498	CZ 977	7.3	15 19.17	+3.5936+.0144	-23 28 5.8	- 8.844+.474	96.5	2
5499	CZ 979	8.4	15 25.45	+3.8211+.0189	-31 56 57.4	- 8.836+.503	97.5	2
5500	CZ 996	9.2	16 15 46.76	+3.8842+.0202	-34 2 49.0	- 8.808+.512	96.5	2, 1



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5501	CZ 1012	8.9	16 15 53.44	+3.6265+.0150	-24 45 1.7	- 8.799+.479	96.4	3
5502	CZ 1011	9.0	15 58.05	+3.8262+.0189	-32 5 36.6	- 8.793+.505	98.0	2
5503	CZ 1014	8.2	16 0.59	+3.8498+.0194	-32 53 33.2	- 8.789+.508	97.5	2
5504	CZ 1024	8.2	16 6.62	+3.8664+.0197	-33 26 17.2	- 8.782+.510	98.0	2
5505	CZ 1026	8.5	16 6.68	+3.8258+.0188	-32 4 25.7	- 8.782+.505	98.1	3
5506	CZ 1039	7.2	16 28.51	+3.9852+.0223	-37 11 13.8	- 8.753+.526	98.9	2
5507	CZ 1051	8.0	16 40.01	+3.9055+.0205	-34 41 16.5	- 8.738+.516	98.4	4
5508	CZ 1071	8.1	16 53.07	+3.5808+.0140	-22 52 56.2	- 8.721+.473	96.5	2
5509	CZ 1069	8.5	16 53.56	+3.7032+.0163	-27 38 41.2	- 8.720+.490	96.5	2
5510	L 6810	5.4	17 14.77	+4.0468+.0236	-38 57 33.5	- 8.692+.535	97.5	8
5511	CZ 1106	7.6	17 30.36	+3.8544+.0192	-32 57 53.0	- 8.672+.510	97.5	2
5512	CZ 1107	8.0	17 30.61	+3.8544+.0192	-32 57 58.0	- 8.671+.510	97.5	2
5513	CZ 1119	8.8	17 40.61	+3.8269+.0186	-32 1 28.1	- 8.658+.507	97.5	2
5514	CZ 1135	8.5	17 49.38	+3.7670+.0174	-29 55 36.6	- 8.647+.499	96.4	2
5515	L 6816	5.4	17 51.49	+3.9927+.0222	-37 19 56.4	- 8.644+.529	98.4	2
5516	CZ 1140	8.1	17 58.91	+3.9157+.0204	-34 56 33.1	- 8.634+.518	96.5	2
5517	CZ 1161	7.6	18 12.06	+3.9073+.0202	-34 39 39.8	- 8.617+.518	97.5	2
5518	CZ 1184	8.0	18 21.19	+3.6858+.0157	-26 55 5.8	- 8.605+.489	99.4	2
5519	L 6826 <sup>1</sup>	7.8	18 22.76	+3.7550+.0170	-29 28 6.9	- 8.603+.498	97.9	4
5520	L 6826 <sup>2</sup>	5.9	18 22.82	+3.7551+.0170	-29 28 13.6	- 8.603+.498	97.9	4
5521	CZ 1185	8.8	18 27.75	+3.9474+.0210	-35 54 42.8	- 8.596+.523	99.0	2
5522	CZ 1194	8.7	18 32.14	+3.6769+.0155	-26 34 28.5	- 8.590+.490	96.5	2
5523	CZ 1192	8.4	18 34.70	+3.8082+.0181	-31 20 3.0	- 8.587+.505	97.5	2
5524	CZ 1203	7.0	18 43.42	+3.8043+.0180	-31 11 25.1	- 8.575+.505	97.5	2
5525	CZ 1230	8.6	19 0.71	+3.7004+.0159	-27 26 9.6	- 8.553+.491	96.5	2
5526	GC 22234	7.6	19 13.41	+3.8240+.0183	-31 50 44.4	- 8.536+.508	99.5	2
5527	CZ 1242	8.2	19 17.40	+3.8685+.0192	-33 20 12.1	- 8.531+.514	97.5	2
5528	CZ 1248	8.4	19 19.01	+3.8134+.0181	-31 28 23.5	- 8.528+.507	97.5	2
5529	CZ 1252	9.1	19 19.69	+3.7608+.0170	-29 37 37.3	- 8.528+.500	99.4	1
5530	CZ 1257	8.2	19 23.53	+3.7482+.0168	-29 10 13.4	- 8.522+.498	99.4	2
5531	CZ 1263	7.5	19 24.38	+3.5921+.0139	-23 13 46.7	- 8.521+.477	99.4	2
5532	CZ 1269	7.8	19 31.22	+3.7629+.0170	-29 41 28.6	- 8.512+.500	99.4	2, 1
5533	$\rho$ Ophiuchi	5.9	19 35.19	+3.5919+.0139	-23 12 57.4	- 8.507+.478	97.4	3
5534	$\rho$ Ophiuchi	5.2	19 35.21	+3.5919+.0139	-23 13 1.3	- 8.507+.478	97.4	4
5535	CZ 1284	7.8	19 35.37	+3.5909+.0139	-23 10 29.4	- 8.507+.478	98.0	4
5536	CZ 1272	8.4	19 36.95	+3.9126+.0201	-34 45 7.9	- 8.505+.520	98.4	2
5537	CZ 1282	9.2	19 40.04	+3.8003+.0178	-31 0 14.4	- 8.501+.505	96.4	2
5538	CZ 1291	8.1	19 42.73	+3.6722+.0153	-26 20 18.9	- 8.497+.488	99.5	2, 1
5539	CZ 1321	8.8	20 18.87	+3.7028+.0158	-27 27 37.6	- 8.450+.493	96.5	2
5540	CZ 1324	9.1	20 28.78	+3.8015+.0176	-31 0 15.6	- 8.436+.506	96.5	2
5541	CZ 1357	9.0	21 2.40	+3.7523+.0166	-29 14 11.7	- 8.392+.500	96.5	2
5542	CZ 1361	8.5	21 2.82	+3.6903+.0154	-26 57 46.2	- 8.391+.492	96.4	2
5543	CZ 1370	7.7	21 14.14	+3.7477+.0165	-29 3 43.5	- 8.376+.500	99.4	2
5544	CZ 1386	5.9	21 34.76	+3.9870+.0213	-36 57 15.5	- 8.349+.532	98.4	2
5545	CZ 1398	9.2	21 40.80	+3.7974+.0174	-30 48 5.6	- 8.341+.507	96.5	2
5546	CZ 1402	9.0	21 50.10	+3.8872+.0191	-33 48 51.2	- 8.329+.519	97.5	2
5547	CZ 1423	7.2	22 9.58	+3.6461+.0145	-25 13 50.3	- 8.303+.487	99.4	2
5548	CZ 1417	8.5	22 11.25	+3.9396+.0202	-35 28 1.1	- 8.301+.526	97.5	2
5549	CZ 1472	7.2	22 56.53	+3.6232+.0140	-24 18 36.8	- 8.240+.485	96.5	3
5550	CZ 1469	8.0	16 23 0.23	+3.8673+.0185	-33 6 0.4	- 8.235+.517	97.5	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5551	$\alpha$ Scorpii	1.2	16 23 16.50	+3.6731+.0148	-26 12 36.8	- 8.214+.492	97.6	25
5552	CZ 1508	8.8	23 38.67	+3.8928+.0189	-33 54 4.9	- 8.184+.521	98.9	2
5553	CZ 1531	7.8	23 54.62	+3.6402+.0142	-24 55 37.7	- 8.163+.488	99.4	2
5554	CZ 1538	7.5	24 3.56	+3.7138+.0154	-27 41 46.8	- 8.151+.498	96.5	2
5555	Br 2092	4.9	24 7.83	+3.6396+.0141	-24 53 42.2	- 8.145+.488	97.5	8
5556	CZ 1559	8.4	24 25.63	+3.7576+.0162	-29 15 50.5	- 8.122+.504	99.4	2
5557	CZ 1576	7.7	24 39.63	+3.9011+.0189	-34 6 55.5	- 8.103+.523	98.4	2
5558	CZ 1583	7.0	24 47.14	+4.0556+.0221	-38 47 8.6	- 8.093+.544	96.5	3
5559	L 6859	4.3	24 50.77	+3.9130+.0191	-34 29 11.6	- 8.088+.525	97.7	10
5560	CZ 1609	7.6	25 14.50	+3.6783+.0146	-26 19 11.0	- 8.057+.494	99.4	2
5561	CZ 1607	8.8	25 17.15	+3.8210+.0172	-31 26 8.5	- 8.053+.513	96.5	2
5562	CZ 1630	8.6	25 31.27	+3.8212+.0172	-31 25 51.0	- 8.034+.514	96.5	1
5563	CZ 1646	9.5	25 37.74	+3.6234+.0137	-24 12 15.4	- 8.026+.487	96.5	2
5564	CZ 1635	8.5	25 39.39	+3.8762+.0182	-33 15 26.0	- 8.023+.521	98.9	2
5565	CZ 1653	9.0	25 45.12	+3.7756+.0163	-29 50 24.6	- 8.016+.508	96.5	2
5566	GC 22370	8.0	26 9.02	+3.7476+.0157	-28 49 39.3	- 7.984+.504	99.4	2
5567	$\omega$ Ophiuchi	4.6	26 12.42	+3.5497+.0124	-21 15 9.3	- 7.979+.478	99.4	2
5568	CZ 1690	8.9	26 17.20	+3.7803+.0163	-29 58 38.8	- 7.973+.509	96.5	2
5569	CZ 1693	9.1	26 18.53	+3.7806+.0163	-29 59 19.1	- 7.971+.509	96.5	2
5570	CZ 1706	7.5	26 31.54	+3.8794+.0181	-33 19 4.4	- 7.954+.522	97.5	2
5571	CZ 1714	8.0	26 39.01	+3.8202+.0170	-31 20 23.6	- 7.944+.514	97.5	2
5572	CZ 1715	7.6	26 45.84	+3.9990+.0205	-37 1 56.4	- 7.934+.538	98.9	2
5573	CZ 1733	9.3	26 55.44	+3.8367+.0172	-31 53 11.0	- 7.922+.517	96.4	2
5574	CZ 1731	8.8	26 59.60	+4.0039+.0205	-37 10 8.0	- 7.916+.540	98.9	2
5575	CZ 1743	8.6	27 5.37	+3.9070+.0185	-34 10 56.8	- 7.908+.526	97.5	2
5576	CZ 1759	8.0	27 16.60	+3.9088+.0185	-34 13 43.3	- 7.893+.527	97.5	2
5577	CZ 1758	8.2	27 16.69	+3.9438+.0192	-35 19 50.6	- 7.893+.532	97.5	2
5578	CZ 1767	8.6	27 18.54	+3.8134+.0167	-31 4 35.6	- 7.891+.514	96.4	2
5579	CZ 1810	8.5	27 48.53	+3.6224+.0134	-24 4 42.7	- 7.850+.489	96.5	2
5580	CZ 1801	8.4	27 48.75	+3.8140+.0167	-31 4 25.0	- 7.850+.515	96.4	2
5581	CZ 1806	9.0	27 51.17	+3.7721+.0159	-29 37 14.1	- 7.847+.509	96.5	2
5582	CZ 1816	9.2	27 56.25	+3.6854+.0144	-26 28 24.9	- 7.840+.498	96.5	2
5583	CZ 1833	9.4	28 15.62	+3.8151+.0166	-31 5 28.2	- 7.814+.515	96.5	2
5584	CZ 1848	8.4	28 29.71	+3.9038+.0182	-34 0 41.9	- 7.795+.528	98.0	2
5585	CZ 1847	8.6	28 30.07	+3.9625+.0194	-35 50 40.4	- 7.795+.535	98.5	2
5586	CZ 1859	8.0	28 35.30	+3.6977+.0145	-26 54 4.0	- 7.788+.500	96.5	2
5587	CZ 1856	7.5	28 37.75	+3.9520+.0191	-35 30 55.0	- 7.784+.534	97.6	2
5588	CZ 1878	8.8	28 53.10	+3.8918+.0179	-33 36 22.9	- 7.764+.526	96.5	2
5589	CZ 1881	9.0	28 56.20	+3.9185+.0184	-34 27 25.4	- 7.759+.530	98.9	2
5590	CZ 1907	8.8	29 14.67	+4.0073+.0201	-37 9 16.5	- 7.735+.542	99.4	2
5591	$\tau$ Scorpii	2.9	29 39.36	+3.7292+.0149	-28 0 30.9	- 7.701+.505	97.6	9
5592	CZ 1939	8.0	29 44.17	+3.9052+.0180	-33 59 34.7	- 7.695+.529	98.4	2
5593	L 6890	4.3	29 47.55	+3.9388+.0186	-35 2 58.9	- 7.690+.534	97.5	8
5594	GC 22458	7.3	30 4.13	+3.9607+.0190	-35 42 39.3	- 7.668+.537	99.4	2
5595	CZ 1969	8.8	30 12.58	+4.0016+.0198	-36 56 11.0	- 7.657+.542	98.9	2
5596	CZ 1992	9.2	30 14.98	+3.6171+.0130	-23 46 39.6	- 7.653+.490	96.5	2
5597	CPD-31° 4432	9.5	30 16.03	+3.8420+.0168	-31 54 13.7	- 7.652+.521	99.4	2
5598	CZ 1997	8.7	30 25.00	+3.9017+.0178	-33 50 58.9	- 7.640+.529	98.4	2
5599	CZ 2023	9.2	30 43.05	+3.8437+.0167	-31 56 26.9	- 7.616+.521	96.5	2
5600	CZ 2026	8.5	16 30 44.70	+3.8449+.0167	-31 58 54.8	- 7.613+.522	96.5	1



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5601	CZ 2071	9.0	16 31 27.85	+3.9135+.0178	-34 10 29.4	- 7.555+.532	97.5	3
5602	CZ 2113	9.0	31 54.70	+3.8511+.0166	-32 7 53.6	- 7.519+.523	96.5	2
5603	CZ 2135	9.0	32 18.64	+3.9139+.0177	-34 8 52.5	- 7.486+.533	97.5	2
5604	GC 22505	8.0	32 19.74	+3.5913+.0124	-22 41 25.0	- 7.485+.489	99.4	2
5605	CZ 2141	6.4	32 23.59	+4.0079+.0194	-37 0 57.4	- 7.480+.545	97.5	2
5606	CZ 2152	8.2	32 27.03	+3.7800+.0154	-29 41 22.6	- 7.475+.514	96.4	2
5607	CZ 2179	8.7	32 50.31	+3.9081+.0175	-33 56 22.4	- 7.444+.532	97.5	2
5608	CZ 2181	8.2	32 54.05	+3.9078+.0175	-33 55 35.7	- 7.439+.532	97.5	4
5609	CZ 2189	8.4	32 57.45	+3.7816+.0153	-29 43 28.9	- 7.434+.515	99.4	2
5610	CZ 2186	8.2	32 59.00	+3.9104+.0175	-34 0 25.6	- 7.432+.532	97.5	2
5611	CZ 2200	8.0	33 0.36	+3.7973+.0155	-30 15 56.8	- 7.430+.517	99.5	2
5612	CZ 2203	8.2	33 4.62	+3.8345+.0162	-31 31 33.0	- 7.424+.522	99.4	2
5613	CZ 2208	9.0	33 17.23	+3.9445+.0181	-35 3 35.5	- 7.407+.537	96.5	2
5614	CZ 2217	8.2	33 20.03	+3.7081+.0140	-27 5 12.2	- 7.403+.505	96.4	2
5615	CZ 2218	8.8	33 27.36	+3.9850+.0188	-36 17 4.5	- 7.393+.543	98.9	2
5616	CZ 2235	7.2	33 42.35	+3.8970+.0171	-33 32 44.9	- 7.373+.531	97.5	3
5617	CZ 2253	7.3	33 54.65	+3.7548+.0147	-28 44 32.4	- 7.356+.512	99.4	2
5618	GC 22549	7.8	33 57.66	+3.6756+.0134	-25 51 47.9	- 7.352+.501	99.4	2
5619	CZ 2262	8.8	33 58.90	+3.7284+.0142	-27 47 55.1	- 7.351+.509	96.4	2
5620	CZ 2263	9.2	33 58.93	+3.7284+.0142	-27 47 46.1	- 7.351+.509	96.4	2
5621	CZ 2255	9.3	33 59.19	+3.9150+.0174	-34 6 21.8	- 7.350+.534	97.5	2
5622	CZ 2256	6.8	34 1.00	+3.9596+.0182	-35 29 25.6	- 7.348+.540	97.5	2
5623	CZ 2273	8.6	34 2.47	+3.6863+.0136	-26 15 21.7	- 7.346+.503	96.5	2
5624	CZ 2267	7.9	34 4.38	+3.9024+.0171	-33 42 6.9	- 7.343+.532	97.6	2
5625	CZ 2260	7.0	34 4.75	+4.0086+.0191	-36 57 26.5	- 7.343+.547	98.4	2
5626	CZ 2278*	7.8	34 12.30	+3.8558+.0163	-32 11 1.4	- 7.332+.526	99.4	2
5627	CZ 2321	9.0	35 5.46	+3.8551+.0162	-32 7 22.8	- 7.260+.527	96.4	2
5628	CZ 2334	7.4	35 15.53	+3.8707+.0164	-32 37 36.8	- 7.247+.529	97.5	2
5629	CZ 2335	5.9	35 16.96	+3.8807+.0166	-32 57 1.6	- 7.245+.530	98.4	2
5630	CZ 2344	8.7	35 23.27	+3.8704+.0164	-32 36 57.8	- 7.236+.529	97.5	2
5631	CZ 2349	7.0	35 24.22	+3.7249+.0140	-27 36 52.7	- 7.235+.509	99.4	2
5632	L 6940	6.5	35 32.41	+3.6351+.0126	-24 16 26.2	- 7.224+.497	99.4	2
5633	CZ 2376	7.0	35 47.53	+4.0089+.0188	-36 53 6.4	- 7.203+.548	97.5	2
5634	CZ 2385	8.2	35 49.98	+3.7623+.0145	-28 55 45.8	- 7.200+.515	96.4	3
5635	CZ 2393	7.9	36 3.83	+4.0184+.0189	-37 8 53.7	- 7.181+.550	99.4	2
5636	CZ 2423	8.6	36 25.21	+3.9948+.0184	-36 26 23.7	- 7.152+.547	98.9	2
5637	CZ 2435	9.1	36 33.12	+3.9629+.0178	-35 28 23.2	- 7.141+.543	99.5	3
5638	CZ 2448	8.9	36 44.91	+3.8281+.0154	-31 9 15.0	- 7.125+.524	96.5	2
5639	CZ 2482	8.0	37 10.70	+3.8251+.0153	-31 2 12.5	- 7.090+.524	96.5	2
5640	L 6950	6.2	37 12.85	+3.8516+.0157	-31 54 57.5	- 7.087+.528	97.5	8
5641	A 12782	8.0	37 40.02	+3.5923+.0117	-22 32 48.3	- 7.050+.493	99.4	2
5642	CZ 2520	7.0	37 40.90	+3.6999+.0133	-26 37 3.4	- 7.048+.508	96.4	2
5643	L 6949	5.7	37 46.90	+4.1475+.0210	-40 39 5.9	- 7.040+.569	97.5	9
5644	CZ 2530	8.3	37 48.99	+3.6026+.0119	-22 56 27.6	- 7.037+.494	99.4	2
5645	CZ 2549	6.4	38 4.99	+3.7182+.0135	-27 16 5.3	- 7.016+.511	99.5	2
5646	A 12789	7.4	38 18.48	+3.5874+.0116	-22 20 7.3	- 6.997+.493	99.5	2
5647	CZ 2588	9.2	38 37.77	+3.8955+.0162	-33 16 49.8	- 6.971+.535	98.0	2
5648	CZ 2592	7.5	38 41.61	+3.8317+.0152	-31 11 37.2	- 6.966+.526	97.6	2
5649	Pi 159	6.0	38 44.77	+3.7484+.0138	-28 19 22.7	- 6.961+.515	99.4	2
5650	CZ 2610	7.4	16 38 56.90	+3.8150+.0148	-30 37 17.1	- 6.945+.525	99.5	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5651	CZ 2614	8.0	16 39 3.60	+3.9080+.0163	-33 39 47.0	- 6.935+.537	96.4	2
5652	Br 2123	7.0	39 7.72	+3.6051+.0118	-22 59 51.6	- 6.930+.496	99.5	2
5653	CZ 2638	8.0	39 17.72	+3.7584+.0139	-28 39 19.6	- 6.916+.517	99.4	2
5654	CZ 2642	9.2	39 23.93	+3.9664+.0173	-35 27 16.0	- 6.908+.546	96.5	1
5655	CZ 2646	9.4	39 28.18	+3.9657+.0172	-35 25 48.8	- 6.902+.546	96.5	2
5656	CZ 2655	8.6	39 37.52	+3.8366+.0151	-31 19 8.7	- 6.889+.528	97.5	2
5657	CZ 2659	7.2	39 38.18	+3.6977+.0130	-26 27 51.2	- 6.888+.509	99.5	2
5658	CZ 2693	8.1	40 12.63	+3.8815+.0157	-32 45 55.0	- 6.841+.534	97.5	2
5659	CZ 2712	8.4	40 26.63	+3.7617+.0138	-28 43 37.6	- 6.822+.518	96.4	2
5660	CZ 2713	8.0	40 28.57	+3.8362+.0149	-31 16 15.0	- 6.819+.529	97.0	4
5661	Br 2126	6.5	40 43.89	+3.6684+.0124	-25 20 47.1	- 6.798+.506	97.5	8
5662	CZ 2759	7.4	41 4.95	+3.9061+.0158	-33 31 3.8	- 6.769+.539	97.5	2
5663	CZ 2783	7.2	41 29.32	+4.0114+.0176	-36 42 15.8	- 6.736+.554	97.5	2
5664	CZ 2788	8.5	41 30.42	+4.0116+.0176	-36 42 34.5	- 6.734+.554	97.6	1
5665	CZ 2812	7.5	41 54.59	+4.0246+.0178	-37 4 14.0	- 6.701+.556	98.9	2
5666	CZ 2822	7.2	42 0.88	+3.8306+.0146	-31 1 28.6	- 6.692+.529	99.4	2
5667	Pi 174	7.2	42 8.97	+3.6431+.0119	-24 20 51.7	- 6.681+.503	99.4	2
5668	CZ 2851	8.8	42 23.36	+3.9155+.0158	-33 45 30.3	- 6.661+.541	97.5	2
5669	CZ 2881	8.4	42 45.80	+3.6699+.0122	-25 19 50.4	- 6.631+.507	96.4	2
5670	CZ 2876	7.8	42 46.62	+3.9186+.0158	-33 50 21.0	- 6.629+.542	97.5	2
5671	CZ 2888	8.3	42 58.18	+3.7707+.0135	-28 56 44.1	- 6.613+.522	96.5	2
5672	CZ 2887	7.5	43 3.73	+3.9975+.0171	-36 13 49.5	- 6.606+.553	97.6	2
5673	CZ 2902	7.2	43 8.16	+3.8455+.0146	-31 28 31.5	- 6.600+.532	97.6	2
5674	CZ 2901	9.2	43 9.75	+3.9606+.0164	-35 7 16.6	- 6.598+.548	96.5	3
5675	CZ 2927	8.0	43 28.48	+3.6589+.0119	-24 53 47.0	- 6.572+.506	96.5	2
5676	GC 22732	7.2	43 37.08	+3.5748+.0108	-21 40 35.6	- 6.560+.495	99.4	2
5677	Pi 185	7.0	43 39.12	+3.6475+.0118	-24 27 54.1	- 6.557+.505	94.7	5
5678	ε Scorpii	2.4	43 41.23	+3.9285+.0158	-34 6 42.0	- 6.554+.544	97.6	9
5679	Yarn 7064	8.0	43 59.66	+3.7048+.0125	-26 34 3.3	- 6.529+.513	99.4	2
5680	CZ 2987	7.8	44 14.33	+3.8464+.0144	-31 27 45.5	- 6.509+.533	97.6	2
5681	CZ 2982*	8.0	44 15.51	+4.0374+.0175	-37 20 28.6	- 6.507+.559	96.5	2
5682	CZ 3034	8.0	44 50.92	+3.7402+.0128	-27 48 27.8	- 6.458+.519	99.4	2
5683	μ <sup>1</sup> Scorpii	3.1	45 5.72	+4.0574+.0176	-37 52 33.0	- 6.438+.563	97.7	12, 11
5684	CZ 3068	8.0	45 15.32	+3.6542+.0116	-24 39 45.4	- 6.424+.507	99.4	2
5685	CZ 3065	7.7	45 21.34	+3.9691+.0161	-35 17 17.3	- 6.416+.551	98.0	4
5686	μ <sup>2</sup> Scorpii	3.6	45 33.68	+4.0571+.0175	-37 50 49.8	- 6.399+.563	97.5	8
5687	CZ 3113	8.4	45 42.86	+3.6734+.0118	-25 21 53.0	- 6.386+.510	96.5	2
5688	CZ 3110	7.0	45 50.89	+4.0428+.0172	-37 25 46.2	- 6.375+.561	99.5	2
5689	Lal 30627	7.6	46 1.33	+3.6041+.0109	-22 44 20.8	- 6.361+.501	91.6	2
5690	CZ 3135	8.7	46 5.99	+3.7144+.0123	-26 50 45.5	- 6.354+.516	96.5	2
5691	CZ 3128	7.9	46 6.09	+4.0227+.0168	-36 50 29.3	- 6.354+.558	97.5	2
5692	L 7022	7.0	46 7.83	+3.6756+.0118	-25 25 52.3	- 6.352+.511	99.4	2
5693	CZ 3149	8.6	46 21.17	+3.8206+.0137	-30 31 32.6	- 6.333+.531	96.5	2
5694	CZ 3165	7.5	46 37.18	+3.9004+.0148	-33 6 54.7	- 6.311+.542	98.0	2
5695	CZ 3170	7.2	46 40.10	+3.8568+.0142	-31 42 43.6	- 6.307+.536	97.6	2
5696	CZ 3182	7.9	46 45.15	+3.8132+.0135	-30 15 42.3	- 6.300+.530	99.4	2
5697	CZ 3249	8.2	47 27.28	+3.7829+.0130	-29 12 23.9	- 6.242+.526	96.4	2
5698	CZ 3266	8.4	47 43.38	+3.8239+.0135	-30 35 14.8	- 6.219+.532	99.5	2
5699	CZ 3276	7.2	47 54.95	+3.9080+.0147	-33 18 36.2	- 6.203+.544	97.5	2
5700	CZ 3277	8.0	16 47 58.13	+3.9984+.0160	-36 3 37.6	- 6.199+.557	98.0	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5701	CZ 3312	7.0	16 48 12.27	+3.6838+.0116	-25 39 49.5	- 6.179+.513	94.7	5
5702	CZ 3305	7.2	48 12.43	+3.8682+.0140	-32 1 31.0	- 6.179+.539	98.0	2
5703	L 7033	6.5	48 13.10	+3.8195+.0134	-30 25 23.1	- 6.178+.532	97.5	8
5704	CZ 3322	8.1	48 22.57	+3.8315+.0135	-30 48 54.0	- 6.165+.534	99.4	2
5705	CZ 3326	8.6	48 23.38	+3.6835+.0116	-25 38 55.0	- 6.164+.513	96.5	2
5706	CPD-32° 4273	8.5	48 31.63	+3.8930+.0144	-32 48 37.6	- 6.153+.542	99.5	1
5707	A 12920	8.1	48 39.93	+3.5795+.0103	-21 42 57.0	- 6.141+.499	99.4	2
5708	GC 22871	8.5	48 40.36	+3.7982+.0130	-29 41 20.8	- 6.140+.529	96.5	2
5709	CZ 3345	6.8	48 43.61	+3.8446+.0136	-31 14 18.1	- 6.136+.536	96.5	2, 1
5710	CPD-32° 4275	8.1	48 46.38	+3.8825+.0142	-32 28 2.6	- 6.132+.542	99.5	2
5711	Br 2143	7.3	48 48.13	+3.6222+.0108	-23 20 52.7	- 6.130+.505	99.5	2
5712	CZ 3365	7.1	48 59.29	+3.8788+.0141	-32 20 28.2	- 6.114+.541	97.5	2
5713	CZ 3378	8.4	49 8.41	+3.8430+.0136	-31 10 9.7	- 6.101+.537	97.6	2
5714	CZ 3387	8.6	49 14.43	+3.8989+.0143	-32 58 16.5	- 6.093+.544	98.5	2
5715	CZ 3384	8.9	49 15.54	+4.0447+.0165	-37 21 2.3	- 6.092+.564	99.5	2
5716	CZ 3394	8.1	49 25.31	+4.0335+.0163	-37 1 32.9	- 6.078+.563	99.0	2
5717	GC 22894	6.8	49 25.77	+3.9110+.0145	-33 20 45.6	- 6.077+.546	99.5	2
5718	CZ 3399	7.7	49 26.84	+3.8476+.0136	-31 18 31.1	- 6.076+.537	97.5	3
5719	GC 22904	6.5	49 34.88	+3.5723+.0101	-21 24 27.5	- 6.065+.499	99.4	2
5720	CZ 3416	8.0	49 36.11	+3.6770+.0113	-25 22 21.7	- 6.063+.513	99.4	2
5721	CZ 3433	8.0	49 52.19	+3.8430+.0134	-31 8 45.4	- 6.041+.537	96.4	2
5722	RR Scorpii	9.3	50 15.12	+3.8216+.0131	-30 25 13.2	- 6.009+.534	96.5	2
5723	CZ 3480	7.8	50 29.66	+3.8754+.0138	-32 10 39.7	- 5.988+.542	97.6	2
5724	Pi 228	5.5	50 39.99	+3.9046+.0141	-33 6 3.4	- 5.974+.546	97.5	3
5725	Br 2148	5.6	50 46.07	+3.6142+.0104	-22 59 29.2	- 5.966+.506	97.5	8
5726	CZ 3553	7.9	51 29.75	+3.6516+.0108	-24 22 43.0	- 5.905+.511	96.4	2
5727	CZ 3562	8.8	51 38.61	+3.8684+.0135	-31 54 41.2	- 5.892+.541	97.5	2
5728	CZ 3568	8.2	51 39.78	+3.7366+.0118	-27 27 13.5	- 5.891+.523	99.4	2
5729	CZ 3569	9.0	51 40.18	+3.7365+.0118	-27 27 3.0	- 5.890+.523	99.4	1
5730	CZ 3572	7.5	51 47.29	+3.9171+.0141	-33 27 11.4	- 5.880+.548	97.5	2
5731	CZ 3580	9.0	51 58.43	+4.1231+.0171	-39 24 35.3	- 5.865+.577	96.5	2
5732	CZ 3610	7.5	52 6.71	+3.6937+.0112	-25 54 13.8	- 5.853+.517	99.4	2
5733	CZ 3633	8.7	52 17.80	+3.7231+.0115	-26 57 23.4	- 5.838+.522	96.5	2
5734	CZ 3645	8.4	52 30.20	+3.9154+.0140	-33 22 22.5	- 5.821+.548	97.5	2
5735	CZ 3663	9.0	52 36.71	+3.9123+.0139	-33 16 19.8	- 5.811+.548	97.5	2
5736	GC 22985	8.6	52 42.70	+3.6379+.0104	-23 49 55.8	- 5.803+.510	96.5	2
5737	CZ 3694	8.4	53 1.33	+3.7622+.0119	-28 18 26.8	- 5.777+.527	96.4	2
5738	CZ 3706	8.7	53 24.46	+3.8593+.0130	-31 33 26.4	- 5.745+.541	99.4	2
5739	Br 2153	5.9	53 50.24	+3.6687+.0106	-24 56 25.5	- 5.709+.515	99.4	2
5740	CZ 3737	6.0	53 56.61	+3.9964+.0148	-35 46 55.2	- 5.700+.561	97.7	4
5741	CZ 3750	8.8	54 1.15	+3.8154+.0124	-30 5 18.0	- 5.693+.536	96.5	2
5742	Br 2155	5.8	54 1.89	+3.6660+.0106	-24 50 11.6	- 5.692+.515	97.5	8
5743	CZ 3776	9.1	54 28.83	+3.8625+.0129	-31 37 33.7	- 5.655+.542	96.5	2
5744	A 12987	7.8	54 32.08	+3.5730+.0095	-21 18 34.4	- 5.650+.502	96.8	3
5745	CZ 3794	7.5	54 40.97	+3.7992+.0120	-29 31 17.6	- 5.638+.534	96.4	2
5746	CZ 3807	8.4	54 51.99	+3.7998+.0120	-29 32 8.5	- 5.622+.534	96.4	1
5747	CZ 3826	8.2	55 5.60	+3.7296+.0112	-27 6 8.6	- 5.603+.524	96.5	2
5748	CZ 3823	8.1	55 7.39	+3.8905+.0132	-32 29 56.1	- 5.601+.547	98.9	2
5749	CZ 3821	8.2	55 10.02	+4.0454+.0152	-37 9 13.0	- 5.597+.568	99.5	2
5750	CZ 3829	7.5	16 55 11.41	+3.9134+.0134	-33 13 8.5	- 5.595+.550	99.0	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5751	A 12992	8.5	16 55 12.76	+3.7126+.0109	-26 29 42.6	- 5.593+.522	96.6	2
5752	CZ 3833	8.8	55 14.61	+3.8839+.0130	-32 17 16.6	- 5.591+.546	98.0	4
5753	A 12994	8.8	55 15.35	+3.7176+.0110	-26 40 19.6	- 5.590+.523	96.6	1
5754	CZ 3837	8.2	55 18.35	+3.9307+.0136	-33 45 13.8	- 5.585+.552	99.5	2
5755	L 7089	5.1	55 24.59	+3.8749+.0129	-31 59 41.5	- 5.577+.545	97.5	8
5756	GC 23043	7.8	55 40.79	+3.7497+.0113	-27 47 30.2	- 5.554+.527	99.4	2
5757	CZ 3872	8.6	55 51.08	+3.9189+.0134	-33 22 11.2	- 5.540+.551	97.5	2
5758	CZ 3879	7.9	55 59.03	+3.8792+.0128	-32 6 44.2	- 5.528+.546	97.5	1
5759	CZ 3892	8.8	56 9.03	+3.7802+.0116	-28 49 53.6	- 5.514+.532	96.5	1
5760	CZ 3898	8.3	56 9.65	+3.6546+.0102	-24 21 27.2	- 5.514+.514	96.5	2
5761	CZ 3905	8.9	56 17.03	+3.7901+.0117	-29 9 54.8	- 5.503+.533	96.5	3
5762	CZ 3910	8.6	56 25.16	+3.8426+.0123	-30 54 51.7	- 5.492+.541	96.5	2
5763	CZ 3923	8.4	56 41.12	+3.8990+.0130	-32 43 10.8	- 5.469+.549	97.6	2
5764	CZ 3947	8.0	56 51.19	+3.7268+.0109	-26 57 12.6	- 5.455+.525	96.5	2
5765	CZ 3943	7.2	56 51.32	+3.8601+.0124	-31 28 13.6	- 5.455+.544	97.6	2
5766	CZ 3968	8.5	57 16.25	+3.9783+.0139	-35 7 51.9	- 5.420+.560	96.6	2
5767	GC 23080	7.8	57 19.16	+3.6193+.0096	-23 0 28.2	- 5.416+.510	96.5	2
5768	CD-24° 13049	10.0	57 20.99	+3.6477+.0099	-24 4 10.0	- 5.414+.514	96.5	1
5769	CZ 3991	7.5	57 24.72	+3.6485+.0099	-24 5 51.1	- 5.408+.514	96.5	2
5770	CZ 4002	8.8	57 35.62	+3.6497+.0099	-24 8 17.9	- 5.393+.514	96.6	2
5771	Pi 269	6.8	57 51.53	+3.6886+.0103	-25 33 20.0	- 5.371+.520	99.4	2
5772	CZ 4016	8.4	57 53.19	+3.8830+.0125	-32 10 29.1	- 5.368+.547	96.4	2
5773	L 7111	6.6	58 9.59	+3.7704+.0112	-28 26 2.9	- 5.345+.532	97.4	9
5774	L 7109	4.9	58 14.55	+3.9413+.0132	-33 58 57.1	- 5.338+.556	97.6	9
5775	CZ 4053	7.3	58 20.28	+3.8539+.0121	-31 13 21.3	- 5.330+.544	99.5	2
5776	CZ 4059	7.5	58 22.06	+3.6492+.0098	-24 5 57.3	- 5.328+.515	99.5	2
5777	CZ 4062	7.7	58 24.67	+3.6264+.0096	-23 14 57.0	- 5.324+.512	99.4	2
5778	Br 2160	7.0	58 34.36	+3.6877+.0102	-25 30 9.6	- 5.310+.521	99.5	2
5779	CZ 4083	8.4	58 45.01	+3.8138+.0116	-29 53 20.3	- 5.295+.538	96.5	2
5780	CZ 4092	9.0	58 59.08	+4.0306+.0142	-36 36 6.1	- 5.276+.569	96.5	2
5781	CZ 4104	8.4	59 9.52	+4.0255+.0141	-36 26 59.9	- 5.261+.569	99.5	3
5782	CZ 4117	8.0	59 13.82	+3.6836+.0101	-25 20 18.3	- 5.255+.520	99.4	2
5783	CZ 4123	8.6	59 18.43	+3.6357+.0096	-23 34 34.8	- 5.248+.514	96.5	2
5784	CZ 4125	8.4	59 24.86	+3.6586+.0098	-24 25 18.7	- 5.239+.517	96.5	2
5785	GC 23129	7.0	59 30.65	+3.5924+.0091	-21 56 3.0	- 5.231+.508	99.4	2
5786	CZ 4128	7.0	59 34.66	+4.0484+.0143	-37 5 22.4	- 5.226+.572	97.5	2
5787	CZ 4131	8.2	59 37.81	+4.0440+.0143	-36 57 44.9	- 5.221+.571	98.9	2
5788	CZ 4140	7.4	59 38.06	+3.7804+.0111	-28 44 6.7	- 5.221+.534	99.5	2
5789	A 13057	7.5	59 45.02	+3.5719+.0089	-21 8 33.4	- 5.211+.505	99.4	2
5790	CZ 4147	7.0	59 48.88	+3.9873+.0135	-35 18 53.1	- 5.205+.563	96.4	2
5791	CZ 4169	7.3	59 53.51	+3.7149+.0103	-26 26 36.2	- 5.199+.525	99.5	2
5792	CZ 4168	8.0	16 59 59.39	+4.0088+.0137	-35 56 29.6	- 5.191+.567	97.5	2
5793	CZ 4176	8.9	17 0 6.92	+4.0025+.0136	-35 45 6.6	- 5.180+.566	97.6	2
5794	CZ 4177	9.0	0 7.13	+4.0024+.0136	-35 45 1.6	- 5.180+.566	97.6	2
5795	CZ 4181	7.5	0 7.42	+3.8187+.0114	-30 0 45.0	- 5.179+.540	99.5	2
5796	Br 2162	6.3	0 13.50	+3.5795+.0089	-21 25 32.7	- 5.171+.506	99.5	2
5797	CZ 4192	8.6	0 24.60	+3.9984+.0135	-35 37 26.1	- 5.155+.565	97.5	2
5798	CZ 4207	8.5	0 41.10	+4.0033+.0135	-35 45 26.2	- 5.132+.566	97.5	2
5799	CZ 4213	6.5	0 41.38	+3.7136+.0102	-26 22 38.6	- 5.132+.525	99.4	2
5800	CZ 4208*	8.6	17 0 42.94	+4.0526+.0142	-37 10 22.0	- 5.129+.573	99.5	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
5801	CZ 4227	8.5	17 0 55.62	+3.9801+.0132	-35 3 59.9	- 5.111+.563	96.5	2
5802	CZ 4228	8.6	0 55.63	+3.9569+.0129	-34 22 23.2	- 5.111+.560	97.6	2
5803	CZ 4246	9.6	1 10.21	+3.9946+.0133	-35 29 16.8	- 5.091+.565	97.5	2
5804	CZ 4262	8.2	1 18.60	+3.8480+.0115	-30 56 34.9	- 5.079+.545	99.4	2
5805	CZ 4271	8.5	1 28.00	+3.9958+.0133	-35 30 46.5	- 5.066+.566	97.5	2
5806	CZ 4277	7.8	1 35.87	+3.9742+.0130	-34 52 18.8	- 5.055+.562	96.5	2
5807	CZ 2	8.6	1 38.36	+3.8949+.0120	-32 26 10.8	- 5.051+.551	97.5	2
5808	CZ 21	7.0	1 48.51	+3.6724+.0096	-24 51 55.6	- 5.037+.520	99.4	2
5809	CZ 12	8.2	1 48.64	+4.0305+.0136	-36 30 31.6	- 5.037+.571	97.5	2
5810	CZ 64	8.8	2 23.70	+3.7241+.0100	-26 42 19.7	- 4.987+.528	96.5	2
5811	CZ 63	5.8	2 24.20	+3.8285+.0111	-30 16 15.5	- 4.986+.542	99.4	3, 2
5812	CPD-23° 6497	9.2	2 41.39	+3.6458+.0092	-23 52 9.0	- 4.962+.517	96.5	1
5813	CZ 84	7.5	2 45.42	+3.9671+.0127	-34 37 29.3	- 4.956+.562	97.5	2
5814	Lal 31110	8.0	2 47.99	+3.7547+.0103	-27 45 50.8	- 4.953+.532	96.5	2
5815	CZ 101	7.8	2 52.79	+3.6458+.0092	-23 51 45.9	- 4.946+.517	96.5	2
5816	CZ 98	8.8	2 56.51	+3.8682+.0115	-31 32 59.5	- 4.941+.548	96.5	3
5817	Anon	9.3	2 56.99	+3.8683+.0115	-31 33 6.6	- 4.940+.549	96.5	3
5818	CZ 158	8.0	3 53.39	+3.7520+.0101	-27 38 40.0	- 4.860+.533	99.4	2
5819	CZ 153	9.0	3 54.30	+3.9111+.0118	-32 53 37.9	- 4.859+.555	97.5	1
5820	CZ 155	8.6	3 54.98	+3.8988+.0117	-32 29 37.9	- 4.858+.553	97.5	3
5821	CZ 168	8.6	3 59.27	+3.6471+.0091	-23 53 9.6	- 4.852+.518	96.5	2
5822	CZ 182	8.5	4 18.07	+3.8658+.0112	-31 26 5.9	- 4.826+.549	97.5	2
5823	CZ 213	8.6	4 41.70	+3.6730+.0092	-24 49 9.3	- 4.792+.522	96.5	2
5824	CZ 206	8.0	4 42.06	+3.8860+.0114	-32 4 2.8	- 4.792+.552	97.5	2
5825	CZ 215	8.4	4 42.38	+3.6731+.0092	-24 49 15.2	- 4.791+.522	96.5	2
5826	CZ 208	9.1	4 44.27	+3.9522+.0121	-34 7 7.6	- 4.788+.561	96.4	2
5827	CZ 214	7.5	4 47.44	+3.8902+.0114	-32 12 0.3	- 4.784+.553	98.4	2
5828	GC 23258	7.1	5 8.13	+3.5589+.0081	-20 31 33.4	- 4.755+.506	91.6	2
5829	CZ 252	8.6	5 12.99	+3.6758+.0092	-24 54 19.5	- 4.748+.522	96.5	2
5830	CZ 263	8.8	5 20.95	+3.7026+.0094	-25 52 7.2	- 4.736+.526	96.5	2
5831	L 7159	5.6	5 21.70	+4.1390+.0142	-39 22 53.5	- 4.735+.588	97.5	8
5832	CZ 264	8.4	5 24.12	+3.7226+.0096	-26 34 41.0	- 4.732+.529	99.4	2
5833	CZ 256	8.0	5 26.23	+4.0981+.0137	-38 16 59.6	- 4.729+.582	97.5	1
5834	CZ 272	8.3	5 44.41	+3.9574+.0120	-34 14 48.9	- 4.703+.563	97.6	2
5835	Pi 311	6.7	5 57.59	+3.7326+.0096	-26 55 2.3	- 4.684+.531	93.5	5
5836	CZ 301	7.0	6 4.95	+3.6826+.0091	-25 7 53.5	- 4.674+.524	96.5	2
5837	CZ 297	8.5	6 7.48	+3.9115+.0114	-32 49 50.4	- 4.670+.556	97.6	2
5838	CZ 304	6.8	6 9.30	+3.7535+.0098	-27 38 19.2	- 4.668+.534	99.4	2
5839	CZ 306	7.8	6 14.00	+3.9248+.0115	-33 14 22.4	- 4.661+.558	97.6	2
5840	CZ 311	8.0	6 20.50	+4.0825+.0133	-37 49 53.6	- 4.652+.580	96.6	2
5841	CZ 323	8.4	6 22.64	+3.6820+.0090	-25 6 14.2	- 4.649+.524	96.6	3
5842	CZ 322	8.3	6 22.80	+3.7324+.0095	-26 53 51.3	- 4.649+.531	99.4	2
5843	CZ 327	8.9	6 24.18	+3.6831+.0091	-25 8 37.1	- 4.647+.524	96.5	2
5844	CZ 325	6.0	6 28.44	+3.8954+.0111	-32 19 1.4	- 4.641+.554	97.5	2
5845	CZ 337	7.7	6 39.81	+3.9014+.0112	-32 30 0.5	- 4.625+.555	97.6	2
5846	A 13154	7.5	6 40.39	+3.5847+.0082	-21 29 5.0	- 4.624+.510	99.4	2
5847	CZ 345	9.0	6 46.36	+3.9452+.0116	-33 50 58.2	- 4.615+.561	96.4	2
5848	CZ 351	7.6	6 54.77	+3.9248+.0114	-33 13 12.3	- 4.603+.559	98.4	2
5849	CZ 376	8.1	7 13.48	+3.9093+.0112	-32 43 58.7	- 4.577+.556	99.5	2
5850	CZ 385	8.3	17 7 27.81	+3.8901+.0109	-32 7 20.0	- 4.556+.554	99.0	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	" "	° ' "	" "		
5851	CZ 397	8.2	17 7 38.44	+3.9848+.0119	-35 0 32.9	-4.541+.568	99.4	2
5852	CZ 403	8.8	7 40.55	+3.6506+.0086	-23 55 54.7	-4.538+.520	96.5	2
5853	CZ 405	7.0	7 45.96	+3.7558+.0096	-27 40 41.2	-4.531+.535	99.4	2
5854	CZ 407	8.5	7 52.76	+3.9742+.0117	-34 41 23.8	-4.521+.566	98.9	2
5855	Br 2174	6.3	8 0.48	+3.7326+.0093	-26 51 53.0	-4.510+.532	97.5	8, 9
5856	CZ 438	8.0	8 25.07	+3.9395+.0113	-33 37 45.3	-4.475+.562	98.9	2
5857	L 7179	5.5	8 45.36	+3.9334+.0111	-33 25 57.9	-4.446+.561	98.9	2
5858	CZ 474	8.0	8 58.99	+3.9191+.0109	-32 59 21.1	-4.427+.559	97.5	2
5859	CZ 484	8.2	9 0.67	+3.7204+.0090	-26 24 56.0	-4.424+.531	99.4	2
5860	CZ 481	8.0	9 2.64	+3.9058+.0108	-32 34 28.0	-4.422+.557	98.0	2
5861	CZ 478	8.0	9 3.03	+3.9601+.0114	-34 14 14.7	-4.421+.565	98.0	2
5862	CZ 480	8.4	9 3.47	+3.9429+.0112	-33 43 5.6	-4.421+.562	98.5	2
5863	CZ 492	8.6	9 5.49	+3.7618+.0094	-27 51 15.3	-4.418+.537	96.5	2
5864	CZ 490	8.7	9 5.53	+3.8301+.0100	-30 9 2.8	-4.418+.546	96.5	3
5865	CZ 489	8.4	9 7.94	+3.9245+.0110	-33 9 11.9	-4.414+.560	98.5	2
5866	Br 2176 <sup>1</sup>	5.3	9 11.85	+3.7217+.0090	-26 27 21.2	-4.408+.531	99.4	2
5867	Br 2176 <sup>2</sup>	5.3	9 11.98	+3.7216+.0090	-26 27 16.1	-4.408+.531	99.4	2
5868	CZ 499	7.1	9 16.20	+3.9400+.0111	-33 37 23.0	-4.402+.562	98.0	2
5869	CZ 505	8.4	9 17.01	+3.8855+.0105	-31 55 47.5	-4.401+.554	99.5	2
5870	CZ 514	6.8	9 28.08	+3.8287+.0100	-30 5 42.8	-4.386+.546	99.5	2
5871	CZ 527	9.0	9 35.15	+3.6776+.0086	-24 52 25.5	-4.375+.525	96.5	2
5872	CZ 524	6.9	9 41.09	+4.0077+.0117	-35 37 39.1	-4.367+.572	96.5	4
5873	CZ 550	10	9 58.34	+3.7134+.0088	-26 8 54.6	-4.342+.530	91.6	4
5874	CZ 553	8.1	10 3.68	+3.8955+.0105	-32 13 34.2	-4.335+.556	99.5	2
5875	Br 2179	7.2	10 4.40	+3.7207+.0089	-26 24 6.3	-4.334+.531	99.5	2
5876	CZ 572	8.4	10 14.83	+3.7508+.0091	-27 26 58.4	-4.319+.536	96.6	3
5877	CZ 576	8.8	10 15.42	+3.6778+.0085	-24 52 6.5	-4.318+.525	96.5	2
5878	CZ 581	8.3	10 18.46	+3.6868+.0086	-25 11 34.6	-4.314+.527	99.4	2
5879	A 13207	7.7	10 24.65	+3.5934+.0078	-21 44 27.6	-4.305+.513	99.4	2
5880	CZ 588	8.0	10 30.41	+3.8339+.0098	-30 14 22.5	-4.297+.548	96.5	2
5881	L 7202	5.6	10 33.31	+3.9062+.0105	-32 32 59.3	-4.293+.558	97.5	8, 7
5882	CZ 594	9.0	10 36.01	+3.8336+.0098	-30 13 42.4	-4.289+.548	96.4	1
5883	CZ 593	8.0	10 40.14	+4.0021+.0115	-35 26 16.7	-4.283+.572	98.4	2
5884	CZ 599	8.0	10 46.26	+4.0018+.0114	-35 25 33.9	-4.274+.572	98.4	2
5885	CZ 601	8.4	10 48.55	+4.0624+.0121	-37 9 3.6	-4.271+.580	99.5	2
5886	A 13211	9.8	10 52.54	+3.7198+.0088	-26 21 6.6	-4.265+.532	91.6	2
5887	CZ 621	7.2	10 57.35	+3.8285+.0097	-30 3 12.9	-4.258+.547	96.5	2
5888	CPD-26° 5865	9.4	10 58.29	+3.7192+.0087	-26 19 43.1	-4.257+.531	91.6	2
5889	CZ 624	7.9	11 5.80	+3.9914+.0113	-35 6 51.6	-4.246+.570	99.5	2
5890	CZ 637	8.2	11 9.90	+3.9535+.0109	-33 59 8.2	-4.241+.565	99.0	2
5891	CZ 647	8.0	11 11.37	+3.7574+.0090	-27 39 23.7	-4.238+.537	99.5	2
5892	CZ 662	8.8	11 22.38	+3.7919+.0093	-28 49 36.3	-4.223+.542	96.5	2
5893	CZ 655	8.3	11 23.71	+3.9580+.0109	-34 6 49.4	-4.221+.566	99.0	2
5894	Anon	9.0	11 26.41	+3.7248+.0087	-26 31 1.2	-4.217+.532	99.5	2
5895	CZ 672	8.0	11 26.65	+3.7248+.0087	-26 31 7.2	-4.217+.532	99.5	2
5896	CZ 690	6.8	11 49.56	+3.9038+.0103	-32 26 42.7	-4.184+.558	97.5	2
5897	Pi 31	7.2	11 54.68	+3.6596+.0081	-24 10 29.7	-4.177+.523	99.4	2
5898	Br 2181	5.4	11 54.68	+3.6597+.0081	-24 10 40.4	-4.177+.523	99.4	2
5899	CZ 715	7.8	12 0.51	+3.8205+.0095	-29 45 56.0	-4.168+.546	99.5	2
5900	Br 2182	7.0	17 12 0.55	+3.6539+.0081	-23 57 44.6	-4.168+.523	99.4	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
5901	CZ 722	8.2	17 12 5.16	+3.8234+.0095	-29 51 27.8	- 4.162+.547	96.5	2
5902	L 7215	5.9	12 8.52	+3.9843+.0110	-34 52 40.3	- 4.157+.570	97.5	2
5903	CZ 725	7.4	12 10.37	+3.9329+.0105	-33 20 1.6	- 4.154+.562	97.6	2
5904	CZ 743	8.0	12 25.94	+3.9176+.0103	-32 51 31.0	- 4.132+.560	97.6	2
5905	CZ 739	8.3	12 28.24	+4.0675+.0118	-37 15 6.7	- 4.129+.582	99.5	2, 1
5906	CZ 766	7.0	12 49.48	+3.8669+.0098	-31 15 15.3	- 4.098+.553	97.5	2
5907	CZ 787	8.6	13 7.15	+3.6664+.0080	-24 23 45.9	- 4.073+.525	96.5	2
5908	CZ 817	8.2	13 43.56	+3.9157+.0100	-32 46 3.1	- 4.021+.561	97.5	2
5909	CZ 829	8.7	13 47.96	+3.7258+.0084	-26 30 16.7	- 4.015+.534	96.5	2
5910	CZ 856	7.0	14 6.57	+3.8067+.0090	-29 15 39.1	- 3.988+.545	99.5	2
5911	CZ 872	7.0	14 18.05	+3.7245+.0083	-26 26 47.8	- 3.972+.534	99.4	2
5912	CZ 875	8.0	14 25.13	+3.9148+.0099	-32 43 34.2	- 3.962+.561	97.5	2
5913	CZ 897	8.7	14 39.54	+3.7475+.0084	-27 14 28.5	- 3.941+.537	96.5	3
5914	Anon	9.5	14 40.00	+3.7475+.0084	-27 14 28.7	- 3.941+.537	96.5	2
5915	CZ 906	9.1	14 47.08	+3.6803+.0079	-24 52 9.1	- 3.931+.528	96.6	2
5916	CZ 910	7.9	14 57.73	+3.8755+.0094	-31 28 48.0	- 3.915+.556	97.5	2
5917	CZ 918	8.5	15 6.58	+3.9993+.0105	-35 14 50.2	- 3.903+.573	96.5	2
5918	CZ 928	8.0	15 13.23	+3.7237+.0082	-26 23 59.5	- 3.893+.534	99.4	2
5919	Br 2188	7.0	15 33.53	+3.6790+.0078	-24 48 18.7	- 3.864+.528	99.4	2
5920	CZ 959	8.0	15 47.91	+3.8763+.0093	-31 29 10.6	- 3.843+.556	99.5	2
5921	$\theta$ Ophiuchi	3.4	15 52.07	+3.6818+.0078	-24 53 59.5	- 3.838+.528	97.5	9
5922	CZ 963	8.2	15 53.24	+4.0011+.0104	-35 16 53.9	- 3.836+.574	99.5	2
5923	CZ 964	7.2	15 54.89	+4.0196+.0105	-35 48 54.5	- 3.833+.576	97.6	2
5924	CZ 987	6.0	16 7.51	+4.0661+.0109	-37 7 22.1	- 3.815+.583	99.5	2
5925	CZ 1036	8.6	16 42.42	+3.9492+.0098	-33 43 24.1	- 3.765+.567	97.6	2
5926	CZ 1039	8.9	16 42.99	+3.8955+.0093	-32 4 21.7	- 3.765+.559	96.5	2
5927	CZ 1033	8.8	16 43.19	+4.0615+.0108	-36 58 50.9	- 3.764+.583	99.5	2
5928	CZ 1059	7.5	17 0.84	+3.6851+.0076	-25 0 3.8	- 3.739+.529	99.4	2
5929	Br 2192	5.4	17 3.90	+3.7724+.0082	-28 2 45.2	- 3.735+.542	99.4	2
5930	CZ 1054	7.9	17 3.95	+3.8809+.0091	-31 36 13.3	- 3.734+.557	97.6	2
5931	CZ 1068	8.0	17 9.96	+3.6279+.0072	-22 54 45.5	- 3.726+.521	99.5	2
5932	CZ 1077	7.4	17 29.92	+3.9824+.0099	-34 41 54.2	- 3.697+.572	97.6	2
5933	CZ 1083	9.0	17 31.30	+3.8229+.0086	-29 43 30.1	- 3.695+.549	96.4	2
5934	CZ 1095	8.0	17 49.17	+3.9305+.0094	-33 8 0.6	- 3.670+.565	99.5	2
5935	CZ 1117	7.4	17 58.01	+3.6510+.0072	-23 44 58.2	- 3.657+.525	98.4	3
5936	CZ 1104	8.6	17 58.48	+4.0406+.0103	-36 21 58.1	- 3.656+.580	97.5	2
5937	CZ 1124	8.1	18 4.02	+3.7882+.0082	-28 33 33.4	- 3.648+.544	99.4	2
5938	CZ 1136	6.9	18 24.23	+3.9799+.0097	-34 36 12.2	- 3.619+.572	97.6	2
5939	CZ 1142	7.8	18 30.66	+3.9754+.0096	-34 28 11.3	- 3.610+.572	97.6	2
5940	CZ 1147	6.5	18 35.90	+3.9710+.0096	-34 20 12.0	- 3.603+.571	99.5	2
5941	CZ 1152	7.0	18 41.75	+3.9651+.0095	-34 9 26.1	- 3.594+.570	99.5	2
5942	Pi 76	6.0	18 43.09	+3.5868+.0067	-21 20 53.1	- 3.592+.516	99.4	2
5943	CZ 1174	9.3	18 54.52	+3.6516+.0071	-23 45 10.7	- 3.576+.525	96.5	2
5944	Br 2196	6.8	18 59.43	+3.6626+.0072	-24 9 8.8	- 3.569+.527	97.5	6
5945	CZ 1187	8.9	19 5.86	+3.7159+.0075	-26 3 12.1	- 3.560+.534	96.5	2
5946	CZ 1186	7.1	19 7.31	+3.8194+.0083	-29 34 43.7	- 3.558+.549	99.4	2
5947	CZ 1201	8.7	19 18.73	+3.8159+.0082	-29 27 34.0	- 3.541+.549	96.5	2, 1
5948	CZ 1215	8.5	19 32.22	+3.9208+.0090	-32 47 58.0	- 3.522+.564	97.6	2
5949	CZ 1228	7.8	19 42.42	+4.0654+.0101	-37 1 20.4	- 3.507+.585	97.6	2
5950	CZ 1239	7.8	17 19 48.78	+3.7859+.0079	-28 27 3.0	- 3.498+.545	96.6	3



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
5951	CZ 1242	8.3	17 19 49.68	+3.7582+.0077	-27 30 32.7	- 3.497+.541	96.6	2
5952	CZ 1250	7.5	19 57.10	+3.7824+.0079	-28 19 35.3	- 3.486+.544	99.5	2
5953	CZ 1256	8.5	19 58.06	+3.6336+.0069	-23 4 50.1	- 3.485+.523	96.6	2
5954	CZ 1252	8.0	20 4.56	+3.9609+.0092	-34 0 12.9	- 3.475+.570	97.6	2
5955	CZ 1268	7.3	20 11.30	+3.8932+.0086	-31 55 58.6	- 3.466+.560	97.6	2
5956	Br 2198	4.3	20 15.75	+3.6613+.0070	-24 5 0.0	- 3.459+.527	97.5	8
5957	CZ 1281	9.2	20 31.48	+3.8332+.0081	-30 0 16.1	- 3.437+.552	96.6	2
5958	GC 23623	7.0	20 43.28	+3.5884+.0065	-21 22 51.8	- 3.420+.517	99.4	2
5959	CZ 1293	6.8	20 43.93	+3.7111+.0073	-25 51 18.9	- 3.419+.534	99.4	2
5960	GC 23624	8.2	20 44.63	+3.5870+.0065	-21 19 32.6	- 3.418+.517	99.4	2
5961	CZ 1308	9.2	20 51.36	+3.6922+.0071	-25 11 1.1	- 3.408+.532	96.5	2
5962	CZ 1297	7.0	20 53.99	+4.0690+.0099	-37 5 54.5	- 3.404+.586	97.6	2
5963	CZ 1311	7.6	20 56.79	+3.7935+.0078	-28 40 57.0	- 3.400+.546	99.5	2
5964	Br 2200	4.4	20 58.10	+3.8265+.0080	-29 46 35.6	- 3.398+.551	97.5	9
5965	CZ 1310	8.0	21 2.54	+4.0455+.0097	-36 26 23.4	- 3.392+.583	98.5	2
5966	CZ 1330	5.9	21 15.00	+3.8224+.0080	-29 38 15.7	- 3.374+.551	99.5	2
5967	CZ 1324	8.1	21 17.16	+4.0584+.0098	-36 47 48.2	- 3.371+.585	99.5	2
5968	CZ 1381	6.0	22 10.10	+4.0554+.0095	-36 41 42.0	- 3.295+.584	97.6	2
5969	CZ 1395	7.8	22 13.21	+3.8745+.0082	-31 17 59.1	- 3.290+.558	99.4	2
5970	CZ 1398	9.0	22 15.15	+3.8050+.0077	-29 2 35.6	- 3.288+.548	96.5	2
5971	CZ 1401	7.8	22 19.07	+3.8604+.0080	-30 50 52.5	- 3.282+.556	99.5	2
5972	CZ 1416	8.8	22 28.85	+3.8192+.0077	-29 30 33.1	- 3.268+.551	96.5	2
5973	CZ 1413	8.2	22 29.21	+3.9267+.0085	-32 55 17.1	- 3.268+.566	97.5	2
5974	CZ 1439	7.2	22 44.55	+3.8796+.0081	-31 27 7.6	- 3.245+.560	97.6	2
5975	CZ 1480	7.2	23 30.09	+3.9509+.0085	-33 38 10.0	- 3.180+.570	97.6	2
5976	CZ 1482	8.5	23 33.01	+4.0240+.0090	-35 46 45.3	- 3.176+.580	99.4	2
5977	CZ 1499	7.4	23 45.24	+3.8989+.0080	-32 2 31.2	- 3.158+.562	97.2	3
5978	CPD-31° 4756	9.3	23 45.40	+3.8962+.0080	-31 57 18.6	- 3.158+.562	96.6	1
5979	CZ 1507	8.2	23 52.36	+3.9787+.0086	-34 27 34.8	- 3.148+.574	99.5	2
5980	v Scorpii	2.8	23 57.85	+4.0755+.0093	-37 12 57.7	- 3.140+.588	97.5	8
5981	CZ 1513	7.4	23 59.43	+4.0806+.0093	-37 21 27.1	- 3.138+.588	99.5	2
5982	CZ 1526	9.0	24 3.02	+3.6297+.0063	-22 52 16.2	- 3.132+.524	96.5	2
5983	CZ 1528	8.2	24 9.93	+3.8973+.0080	-31 58 58.5	- 3.122+.562	(93.6) (94.1)	5, 4
5984	CZ 1531	8.5	24 13.13	+3.9478+.0083	-33 31 52.1	- 3.118+.570	99.4	2
5985	CZ 1539	8.1	24 23.14	+4.0260+.0088	-35 49 18.0	- 3.104+.581	97.5	2
5986	CZ 1572	7.6	24 44.07	+3.6543+.0064	-23 45 47.8	- 3.073+.528	99.5	2
5987	CZ 1579	8.3	24 54.05	+3.8948+.0078	-31 53 32.2	- 3.059+.562	91.6	3, 2
5988	CZ 1606	8.4	25 7.64	+3.6495+.0063	-23 34 53.7	- 3.039+.527	96.6	2
5989	CZ 1603	7.9	25 11.17	+3.8409+.0074	-30 10 10.1	- 3.034+.554	96.5	2
5990	CZ 1601	6.9	25 11.86	+3.9515+.0081	-33 37 34.0	- 3.033+.570	97.6	2
5991	Br 2209	4.9	25 18.83	+3.6579+.0063	-23 53 7.3	- 3.023+.528	97.5	8
5992	Pi 117	6.0	25 31.77	+3.7229+.0066	-26 11 34.2	- 3.005+.538	99.5	2
5993	CZ 1627	8.3	25 32.09	+3.8907+.0077	-31 45 6.3	- 3.004+.562	99.4	2
5994	CZ 1640	9.0	25 38.51	+3.7768+.0070	-28 2 32.6	- 2.995+.545	96.6	2
5995	CZ 1638	8.1	25 38.58	+3.8819+.0076	-31 28 25.6	- 2.995+.561	99.5	2
5996	CZ 1645	6.6	25 47.16	+3.9712+.0082	-34 12 13.1	- 2.982+.574	97.6	2
5997	CZ 1654	8.7	25 48.92	+3.7768+.0069	-28 2 24.8	- 2.980+.546	96.6	1
5998	CZ 1673	8.0	26 1.82	+3.9552+.0080	-33 43 20.6	- 2.961+.571	97.6	2
5999	CZ 1707	7.2	26 32.53	+3.9311+.0078	-32 59 4.8	- 2.917+.568	97.6	2
6000	CPD-31° 4798	8.9	17 26 35.62	+3.8962+.0075	-31 54 25.6	- 2.913+.563	94.8	8



No.	Name.	Mag.	R. A 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
6001	CZ 1716	7.2	17 26 40.76	+3.8234+.0071	-29 34 40.8	- 2.905+.553	96.5	2
6002	$\lambda$ Scorpii	1.7	26 49.08	+4.0706+.0086	-37 1 51.7	- 2.893+.588	97.6	15
6003	CZ 1736	8.4	26 53.32	+3.6685+.0061	-24 14 49.6	- 2.887+.530	96.6	3
6004	CZ 1751	9.1	27 4.45	+3.7584+.0066	-27 23 47.8	- 2.871+.543	96.6	3
6005	CZ 1763	8.0	27 19.31	+3.9654+.0078	-34 0 20.6	- 2.849+.573	97.6	2
6006	CZ 1770	8.2	27 21.95	+3.6618+.0060	-23 59 52.6	- 2.846+.530	96.5	2
6007	CZ 1772	8.1	27 31.57	+4.0224+.0082	-35 39 47.1	- 2.832+.582	97.6	2
6008	GC 23801	7.2	27 33.34	+3.6101+.0058	-22 6 0.3	- 2.829+.522	99.4	2
6009	CZ 1803	7.6	27 58.84	+3.6335+.0058	-22 57 32.7	- 2.792+.526	96.5	2
6010	CZ 1807	8.2	28 8.94	+3.9942+.0079	-34 50 24.7	- 2.778+.578	97.6	2
6011	CZ 1811	7.3	28 9.22	+3.8937+.0072	-31 48 9.6	- 2.778+.563	94.6	4
6012	Brisb 6125	5.7	28 10.43	+3.9166+.0074	-32 30 45.0	- 2.776+.566	97.5	8
6013	CZ 1835	9.2	28 35.41	+4.0649+.0082	-36 50 29.7	- 2.740+.588	99.4	2
6014	CZ 1854	7.6	28 54.29	+4.0844+.0083	-37 22 19.5	- 2.712+.591	97.6	3
6015	CD-24° 13392	9.2	29 4.62	+3.6788+.0059	-24 35 9.1	- 2.697+.532	96.5	1
6016	Br 2212	6.4	29 17.49	+3.6074+.0055	-21 58 35.2	- 2.679+.522	97.5	8
6017	CZ 1882	8.7	29 18.41	+4.0607+.0080	-36 42 43.7	- 2.677+.588	99.4	2
6018	CZ 1899	7.8	29 26.43	+3.6782+.0058	-24 33 34.4	- 2.666+.532	96.5	2
6019	L 7350	4.3	29 39.58	+4.1292+.0084	-38 33 54.4	- 2.647+.598	96.5	3
6020	CZ 1910	8.8	29 41.72	+3.9412+.0072	-33 14 26.5	- 2.644+.571	96.5	2
6021	CZ 1928	8.6	30 2.26	+4.0852+.0080	-37 22 32.8	- 2.614+.591	99.5	2
6022	CZ 1929	8.5	30 2.45	+4.0523+.0078	-36 28 8.0	- 2.614+.587	97.6	2
6023	CZ 1957	7.5	30 28.03	+3.9032+.0070	-32 3 50.0	- 2.577+.565	97.6	2
6024	CZ 1964	8.6	30 39.91	+4.0242+.0075	-35 39 48.2	- 2.560+.583	97.6	2
6025	CZ 1973	8.7	30 49.42	+4.0105+.0074	-35 16 13.2	- 2.546+.581	99.4	2
6026	CZ 1991	8.0	30 59.08	+3.9770+.0072	-34 17 20.6	- 2.532+.576	97.5	2, 1
6027	CZ 2028	8.2	31 25.37	+3.7892+.0061	-28 22 32.3	- 2.494+.549	99.4	2
6028	CZ 2053*	8.8	31 42.22	+3.6448+.0054	-23 19 37.7	- 2.469+.528	96.5	2
6029	CZ 2041	8.0	31 43.28	+3.9281+.0068	-32 48 45.3	- 2.468+.569	97.5	2
6030	CZ 2055	8.0	31 45.66	+3.6886+.0056	-24 54 16.3	- 2.464+.535	96.5	2
6031	CPD-24° 5921	9.3	31 52.76	+3.6883+.0056	-24 53 21.8	- 2.454+.535	96.5	1
6032	CZ 2059	6.8	31 53.96	+3.7778+.0060	-27 59 9.6	- 2.452+.547	99.5	2
6033	Lal 32057	7.8	32 1.27	+3.6229+.0052	-22 31 15.5	- 2.442+.525	99.5	2
6034	CZ 2065	8.7	32 3.32	+3.9674+.0069	-33 59 32.1	- 2.439+.575	96.5	3
6035	CZ 2068	8.6	32 3.80	+3.9341+.0067	-32 59 31.1	- 2.438+.570	97.5	2
6036	CZ 2072	8.5	32 6.99	+3.9321+.0067	-32 55 49.9	- 2.434+.570	97.6	2
6037	CZ 2086	8.0	32 20.72	+3.9822+.0070	-34 25 24.2	- 2.414+.577	97.6	3
6038	CZ 2091	8.8	32 23.26	+3.8412+.0062	-30 4 18.0	- 2.410+.557	96.6	2
6039	CZ 2116	7.9	32 41.99	+3.7890+.0059	-28 21 6.6	- 2.383+.549	99.4	2
6040	Br 2219	7.0	32 44.27	+3.6051+.0051	-21 51 13.5	- 2.380+.523	99.4	2
6041	CZ 2114	9.0	32 46.14	+3.9708+.0068	-34 4 53.1	- 2.377+.576	96.5	2
6042	CPD-33° 4513	8.6	32 54.89	+3.9512+.0067	-33 29 43.8	- 2.364+.573	99.5	2
6043	CZ 2131	6.8	32 57.85	+3.8230+.0060	-29 28 20.7	- 2.360+.554	99.1 99.5	2, 1
6044	GC 23905	7.5	33 6.17	+3.9108+.0064	-32 15 44.9	- 2.348+.567	99.5	2
6045	CZ 2157	8.7	33 22.43	+3.9377+.0065	-33 4 57.2	- 2.324+.571	96.5	2
6046	L 7382	6.8	33 30.03	+3.9072+.0063	-32 8 40.4	- 2.313+.566	97.5	2
6047	CZ 2169	8.6	33 31.33	+3.9058+.0063	-32 6 14.1	- 2.311+.566	98.5	2
6048	CZ 2174	7.6	33 39.82	+3.9090+.0063	-32 12 1.7	- 2.299+.567	97.5	2
6049	CZ 2188	8.4	33 50.34	+3.9093+.0063	-32 12 30.8	- 2.284+.567	97.6	2
6050	CZ 2201	8.3	17 33 51.78	+3.6366+.0051	-23 0 15.6	- 2.282+.528	96.6	3



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
6051	GC 23921	8.5	17 33 53.75	+4.0232+.0068	-35 35 31.0	- 2.279+.584	96.6	3
6052	CZ 2189	8.8	33 55.90	+4.0135+.0068	-35 18 42.1	- 2.276+.582	97.6	2
6053	CZ 2200	8.8	33 56.69	+3.8446+.0060	-30 9 53.6	- 2.275+.558	96.6	2
6054	CZ 2199	8.2	33 57.88	+3.9254+.0063	-32 41 57.4	- 2.273+.569	97.6	1
6055	CZ 2194	8.9	33 58.14	+4.0062+.0068	-35 5 59.9	- 2.273+.581	98.2	3
6056	CZ 2213	7.0	34 3.13	+3.8050+.0057	-28 52 4.1	- 2.265+.552	99.4	2
6057	CZ 2219	7.5	34 12.47	+3.9060+.0062	-32 6 2.7	- 2.252+.567	97.6	2
6058	CZ 2217	8.4	34 14.12	+4.0957+.0072	-37 35 57.7	- 2.250+.594	96.5	2
6059	CZ 2232	8.0	34 24.22	+3.9282+.0062	-32 46 43.5	- 2.235+.570	99.5	2
6060	CZ 2229	8.3	34 24.71	+3.9974+.0066	-34 50 27.2	- 2.234+.580	98.6	2
6061	CZ 2235	7.4	34 27.39	+3.9080+.0062	-32 9 36.8	- 2.230+.567	98.2	2
6062	CZ 2245	8.4	34 33.82	+3.9660+.0064	-33 54 52.8	- 2.221+.575	99.5	2
6063	CZ 2256	8.8	34 42.39	+3.7797+.0055	-28 1 7.9	- 2.209+.548	96.5	2
6064	CZ 2268	7.9	34 53.34	+3.9697+.0064	-34 1 15.1	- 2.193+.576	98.5	2
6065	CZ 2283	9.0	35 3.93	+4.0022+.0065	-34 58 9.6	- 2.177+.581	96.5	2
6066	CZ 2289	7.8	35 7.13	+3.9050+.0060	-32 3 33.7	- 2.173+.566	98.5	2
6067	CZ 2302	6.9	35 23.63	+3.9508+.0062	-33 27 7.4	- 2.149+.574	98.5	2
6068	$\kappa$ Scorpii	2.5	35 34.18	+4.1482+.0072	-38 58 41.9	- 2.134+.602	97.5	8
6069	CPD-35° 7128	7.5	35 34.77	+4.0296+.0065	-35 44 59.4	- 2.133+.585	99.5	2
6070	CZ 2319	7.9	35 39.76	+4.0191+.0065	-35 26 52.6	- 2.125+.583	97.6	2
6071	CZ 2327	7.5	35 44.58	+3.9187+.0060	-32 28 22.5	- 2.118+.569	99.5	2
6072	L 7397	5.6	36 3.62	+4.0708+.0066	-36 53 43.9	- 2.091+.591	99.5	2
6073	CZ 2373	8.5	36 25.11	+4.0091+.0063	-35 9 12.7	- 2.060+.582	97.6	2
6074	CZ 2387	6.5	36 32.92	+3.9364+.0059	-33 0 8.1	- 2.048+.571	97.6	3
6075	CZ 2389	8.8	36 37.52	+4.0088+.0062	-35 8 30.5	- 2.042+.582	97.6	2
6076	CZ 2405	9.2	36 42.94	+3.8370+.0054	-29 53 8.7	- 2.034+.557	96.5	3
6077	CZ 2400	7.2	36 44.43	+4.0126+.0062	-35 14 57.8	- 2.032+.583	98.5	2
6078	CZ 2410	8.7	36 45.59	+3.8371+.0054	-29 53 22.1	- 2.030+.557	96.5	3
6079	CZ 2416	8.2	36 58.69	+3.9710+.0060	-34 2 1.3	- 2.011+.576	97.6	2
6080	CZ 2425	6.7	36 59.92	+3.7751+.0052	-27 50 9.3	- 2.009+.548	99.0	2
6081	CZ 2422	7.5	37 2.45	+3.9239+.0058	-32 36 54.6	- 2.005+.570	94.6	4
6082	CZ 2436	8.6	37 4.87	+3.7561+.0051	-27 11 37.4	- 2.002+.545	96.5	2
6083	CZ 2432	7.8	37 5.37	+3.8446+.0054	-30 7 43.2	- 2.001+.558	99.4	2
6084	CPD-27° 5727	9.3	37 7.42	+3.7567+.0051	-27 12 47.5	- 1.998+.546	96.5	1
6085	Br 2226	4.9	37 26.24	+3.6004+.0045	-21 38 4.6	- 1.971+.523	99.5	2
6086	CZ 2470	8.5	37 36.51	+3.8794+.0055	-31 13 42.9	- 1.956+.563	96.5	2
6087	CZ 2476	8.7	37 38.39	+3.8242+.0052	-29 27 32.9	- 1.953+.556	96.6	2
6088	CPD-32° 4830	9.5	37 41.92	+3.9158+.0056	-32 21 43.9	- 1.948+.569	96.6	1
6089	CZ 2486	9.0	37 51.30	+3.9148+.0056	-32 19 40.1	- 1.935+.568	96.6	2
6090	CZ 2504	7.5	38 11.80	+3.6550+.0046	-23 37 59.0	- 1.905+.531	99.4	2
6091	CZ 2502	7.8	38 19.65	+4.0215+.0059	-35 29 11.8	- 1.893+.584	97.5	2
6092	Pi 195	6.5	38 22.12	+3.6145+.0044	-22 8 58.0	- 1.890+.525	99.1	2
6093	GC 24066	8.5	38 40.49	+3.6099+.0044	-21 58 44.1	- 1.863+.525	99.1	2
6094	CZ 2601	9.2	39 45.31	+3.9618+.0054	-33 43 47.5	- 1.769+.576	96.6	2
6095	CZ 2608	7.9	39 46.42	+3.7492+.0046	-26 55 50.9	- 1.767+.545	99.4	2
6096	CZ 2603	7.7	39 48.01	+3.9999+.0055	-34 50 41.2	- 1.765+.581	97.5	2
6097	CZ 2618	8.8	40 5.93	+4.0584+.0057	-36 30 25.4	- 1.739+.590	99.4	2
6098	CZ 2629	8.2	40 13.64	+3.9184+.0052	-32 24 56.1	- 1.728+.570	97.6	2
6099	CZ 2635	8.6	40 14.39	+3.7630+.0046	-27 23 53.8	- 1.727+.547	96.5	3
6100	CZ 2644	7.8	17 40 25.40	+3.9172+.0051	-32 22 28.6	- 1.711+.570	97.6	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
6101	CZ 2638	8.4	17 40 25.54	+4.0745+.0057	-36 56 49.1	- 1.710+.592	97.6	2
6102	CZ 2651	8.8	40 31.37	+3.7142+.0044	-25 42 52.8	- 1.702+.540	96.5	2
6103	CZ 2649	7.6	40 33.26	+3.9989+.0054	-34 48 41.5	- 1.699+.581	97.6	2
6104	♏ Scorpii	3.1	40 35.42	+4.1939+.0062	-40 5 18.6	- 1.696+.611	97.5	8
6105	CZ 2657	8.0	40 45.09	+4.0286+.0054	-35 39 45.5	- 1.682+.586	98.5	2
6106	CZ 2666	8.7	40 55.76	+4.0324+.0054	-35 46 7.5	- 1.667+.586	98.5	2
6107	CZ 2680	6.8	41 9.20	+3.9806+.0052	-34 16 23.1	- 1.647+.579	98.1	2
6108	X Sagittarii*	Var	41 15.93	+3.7750+.0045	-27 47 34.5	- 1.637+.549	97.5	8
6109	CZ 2691	8.1	41 21.93	+3.9702+.0051	-33 57 55.4	- 1.629+.577	96.6	4
6110	CZ 2692	9.2	41 22.82	+3.9705+.0051	-33 58 20.9	- 1.627+.577	96.6	4
6111	CZ 2700	7.8	41 31.31	+4.0358+.0053	-35 51 29.6	- 1.615+.587	97.6	2
6112	CZ 2702	8.1	41 31.92	+3.9900+.0052	-34 32 42.3	- 1.614+.580	99.5	2
6113	GC 24143	6.7	41 43.08	+3.6230+.0040	-22 26 25.7	- 1.598+.527	99.5	2
6114	CZ 2716	7.2	41 44.14	+3.9260+.0049	-32 38 1.0	- 1.596+.571	98.5	2
6115	CZ 2727	8.3	41 47.31	+3.6366+.0040	-22 56 2.2	- 1.592+.529	99.4	1
6116	CZ 2733	8.5	42 5.90	+4.1171+.0055	-38 4 59.7	- 1.565+.599	96.5	2
6117	CZ 2738	7.8	42 6.64	+4.0067+.0051	-35 1 18.5	- 1.564+.583	97.6	2
6118	Pi 223	7.0	42 12.60	+3.7500+.0044	-26 56 21.1	- 1.555+.545	96.5	2
6119	CZ 2770	8.2	42 31.85	+3.7878+.0043	-28 12 41.4	- 1.527+.551	96.6	2
6120	L 7451	4.8	42 40.70	+3.8950+.0046	-31 40 7.8	- 1.514+.567	97.5	8
6121	CZ 2779	7.5	42 47.06	+4.0182+.0050	-35 20 39.1	- 1.505+.584	97.6	2
6122	CZ 2785	8.2	42 48.30	+3.8807+.0046	-31 13 16.6	- 1.503+.564	98.6	2
6123	CZ 2790	7.4	42 50.64	+3.8599+.0045	-30 33 45.5	- 1.500+.561	99.2 99.4	3, 2
6124	CZ 2798*	9.0	42 58.58	+3.9049+.0046	-31 58 28.6	- 1.488+.568	96.6	2
6125	CZ 2808	8.8	43 1.36	+3.6500+.0039	-23 24 46.1	- 1.484+.531	96.6	2
6126	L 7449	3.2	43 3.03	+4.0777+.0051	-37 0 41.3	- 1.482+.593	97.5	8
6127	CZ 2803	8.4	43 3.48	+3.8240+.0044	-29 24 15.6	- 1.481+.556	96.6	2
6128	CZ 2823	7.8	43 15.71	+3.6478+.0039	-23 20 5.1	- 1.463+.531	96.6	2
6129	CZ 2825	8.5	43 22.52	+3.8691+.0044	-30 51 0.7	- 1.453+.563	96.5	2
6130	CZ 2827	8.1	43 26.64	+4.0105+.0048	-35 7 9.7	- 1.447+.583	97.6	2
6131	CZ 2834	8.4	43 31.00	+4.0177+.0049	-35 19 36.7	- 1.441+.584	97.6	2
6132	CZ 2843	8.3	43 40.71	+4.0302+.0048	-35 40 46.7	- 1.427+.586	99.4	2
6133	CZ 2861	7.2	43 50.54	+3.6713+.0038	-24 10 27.2	- 1.412+.534	99.5	2
6134	CZ 2864	8.4	44 1.06	+4.0240+.0048	-35 30 4.8	- 1.397+.586	98.5	2
6135	CZ 2879	8.2	44 10.52	+3.6415+.0037	-23 5 51.5	- 1.383+.530	96.5	2
6136	CZ 2878	8.2	44 15.97	+3.9613+.0045	-33 40 32.3	- 1.376+.576	98.5	2
6137	CZ 2881	7.9	44 21.04	+4.0080+.0046	-35 2 24.9	- 1.368+.583	97.6	2
6138	CZ 2884	7.2	44 24.11	+4.0176+.0047	-35 19 1.2	- 1.364+.585	98.6	2
6139	CZ 2892	8.5	44 29.21	+3.9375+.0044	-32 57 35.3	- 1.356+.573	97.5	4
6140	CZ 2891	8.8	44 31.50	+4.0368+.0047	-35 51 40.3	- 1.353+.587	97.6	2
6141	CZ 2915*	6.5	44 46.36	+3.8593+.0042	-30 31 39.5	- 1.331+.562	99.0	2
6142	CZ 2927	8.9	44 51.27	+3.7631+.0039	-27 21 51.7	- 1.324+.548	96.5	2
6143	CZ 2928	8.8	44 51.88	+3.7760+.0039	-27 48 1.0	- 1.323+.550	96.5	2
6144	CZ 2946	7.0	45 3.57	+3.6359+.0036	-22 53 24.2	- 1.306+.529	96.5	2
6145	CZ 2934	9.0	45 5.53	+3.9064+.0042	-32 0 19.6	- 1.303+.568	96.6	2
6146	CZ 2939	8.0	45 6.79	+3.8865+.0042	-31 23 5.1	- 1.302+.566	96.6	3
6147	CZ 2948	8.6	45 8.13	+3.6801+.0037	-24 28 50.9	- 1.300+.536	96.6	2
6148	CZ 2938	7.5	45 9.51	+4.0186+.0045	-35 20 14.3	- 1.298+.585	98.6	2
6149	GC 24236	8.1	45 12.80	+3.9983+.0044	-34 45 15.5	- 1.293+.582	99.4	2
6150	CZ 2960	8.6	17 45 29.59	+4.0060+.0044	-34 58 29.8	- 1.268+.583	97.6	2

6108 4<sup>M</sup>4 to 5<sup>M</sup>0.6124 9<sup>M</sup>3 7' 300"6141 7<sup>M</sup>5 10" S.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
6151	CZ 2972	8.5	17 45 32.57	+3.7999+.0039	-28 35 41.0	- 1.264+.553	96.5	2
6152	CZ 2979	7.1	45 33.16	+3.6570+.0036	-23 38 58.9	- 1.263+.532	99.4	2
6153	Pi 245	6.0	45 33.50	+3.9990+.0044	-34 46 21.0	- 1.263+.582	99.5	2
6154	GC Cluster 55	9.0	45 34.98	+4.0049+.0044	-34 56 33.5	- 1.261+.583	97.6	1
6155	CZ 2974	8.2	45 39.25	+4.0051+.0044	-34 56 52.8	- 1.254+.583	97.6	1
6156	CZ 2977	5.8	45 40.91	+3.9859+.0043	-34 23 25.4	- 1.252+.580	97.5	2
6157	CZ 2987	8.0	45 48.54	+3.8840+.0040	-31 18 5.1	- 1.241+.565	96.5	2
6158	CZ 3015	7.0	46 11.40	+3.9758+.0042	-34 5 22.2	- 1.208+.579	97.6	2
6159	CZ 3019	6.0	46 14.52	+4.0280+.0043	-35 35 51.4	- 1.203+.586	97.6	2
6160	CZ 3021	6.6	46 14.83	+4.0070+.0043	-34 59 36.1	- 1.203+.583	97.6	2
6161	A 13707	7.5	46 15.93	+3.6294+.0034	-22 38 36.6	- 1.201+.529	99.1	2
6162	CZ 3026	8.5	46 17.48	+3.9871+.0042	-34 25 15.7	- 1.199+.580	97.6	2
6163	CZ 3033	7.6	46 26.95	+4.0803+.0044	-37 3 17.8	- 1.185+.594	98.6	2
6164	CZ 3049	9.0	46 37.15	+3.8846+.0039	-31 18 50.0	- 1.170+.566	96.5	2
6165	CZ 3048	6.8	46 39.61	+3.9970+.0042	-34 42 23.5	- 1.166+.582	97.6	2
6166	CZ 3055	7.0	46 41.59	+3.9069+.0039	-32 0 28.6	- 1.164+.569	95.5	4
6167	Pi 254	5.7	46 42.95	+4.0027+.0042	-34 52 17.8	- 1.162+.583	99.5	2
6168	CZ 3052	8.3	46 43.78	+4.0597+.0043	-36 29 3.1	- 1.160+.591	99.5	2
6169	CZ 3076	7.6	47 5.35	+3.9991+.0041	-34 45 46.0	- 1.129+.582	99.5	2
6170	CZ 3077	8.3	47 6.60	+4.0011+.0041	-34 49 22.7	- 1.127+.582	99.5	2
6171	CZ 3082	8.8	47 8.13	+3.7231+.0035	-25 58 47.4	- 1.125+.542	96.5	3
6172	L 7478	6.8	47 14.73	+3.9980+.0040	-34 43 47.1	- 1.115+.582	97.5	8
6173	CZ 3087	9.3	47 16.34	+3.8237+.0036	-29 21 53.5	- 1.113+.557	96.6	1
6174	CZ 3091	7.2	47 17.86	+3.7604+.0035	-27 15 34.8	- 1.111+.548	99.4	2
6175	CZ 3092	8.6	47 19.52	+3.8074+.0036	-28 49 51.7	- 1.108+.554	96.5	2
6176	CZ 3101	8.6	47 26.67	+3.8237+.0036	-29 21 50.2	- 1.098+.557	96.6	2
6177	CZ 3095	7.0	47 30.30	+4.1387+.0043	-38 36 5.3	- 1.093+.603	96.5	2
6178	GC 24285	7.2	47 34.44	+3.9972+.0040	-34 42 19.3	- 1.087+.582	99.5	2
6179	CZ 3110	8.9	47 37.60	+4.0943+.0042	-37 25 43.4	- 1.082+.596	96.6	2
6180	CZ 3114	7.4	47 41.59	+4.0024+.0039	-34 51 23.5	- 1.076+.583	98.0	4
6181	GC 24293	6.0	47 48.06	+3.9883+.0039	-34 26 41.6	- 1.067+.581	99.5	2
6182	CZ 3155	6.8	48 21.94	+4.0590+.0039	-36 27 21.1	- 1.017+.591	99.5	2
6183	Br 2241	6.6	48 44.68	+3.6916+.0032	-24 52 2.3	- 0.984+.538	97.5	8
6184	CZ 3196	8.2	48 49.53	+3.8618+.0035	-30 34 54.6	- 0.977+.563	96.6	2
6185	CZ 3212	8.3	48 56.23	+3.6384+.0031	-22 57 41.8	- 0.968+.530	99.4	2
6186	CZ 3205	8.0	48 57.61	+3.9065+.0035	-31 58 53.3	- 0.966+.569	97.6	2
6187	CZ 3214	8.1	49 3.72	+3.9051+.0035	-31 56 15.0	- 0.957+.569	97.6	2
6188	CZ 3215	8.3	49 4.37	+3.8437+.0034	-30 0 11.0	- 0.956+.560	96.5	1
6189	CZ 3213	8.0	49 7.84	+4.0804+.0038	-37 2 24.8	- 0.951+.594	97.6	2
6190	CZ 3225	8.4	49 12.52	+3.8424+.0034	-29 57 31.8	- 0.944+.560	96.5	3
6191	CZ 3228	8.0	49 17.74	+3.9825+.0036	-34 16 6.2	- 0.936+.580	98.6	2
6192	CZ 3229	8.7	49 20.05	+4.0087+.0036	-35 1 43.6	- 0.933+.584	97.5	3
6193	CZ 3236	7.4	49 26.75	+4.0088+.0036	-35 1 52.8	- 0.923+.584	97.3	5
6194	L 7494	7.0	49 43.69	+3.9221+.0034	-32 27 29.5	- 0.898+.572	97.6	2
6195	CZ 3272	8.2	50 1.51	+3.9911+.0035	-34 30 55.1	- 0.872+.582	97.6	2
6196	CZ 3276	8.2	50 4.74	+4.0143+.0035	-35 11 7.4	- 0.868+.585	97.6	2
6197	CZ 3285	8.5	50 9.75	+3.7460+.0031	-26 45 17.2	- 0.860+.546	96.5	2
6198	CZ 3288	7.4	50 16.91	+3.9293+.0033	-32 40 22.8	- 0.850+.573	97.6	2
6199	GC 24345	7.2	50 20.14	+3.6107+.0029	-21 56 20.0	- 0.845+.526	99.5	2
6200	L 7508	5.8	17 50 23.02	+3.7844+.0031	-28 2 58.2	- 0.841+.552	99.5	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
6201	CZ 3300	8.3	17 50 26.35	+3.9532+.0033	-33 23 35.4	- 0.836+.576	97.6	2
6202	CZ 3337	8.2	50 58.39	+3.9085+.0032	-32 2 7.3	- 0.790+.570	97.6	2
6203	Br 2242	6.8	51 0.77	+3.6654+.0028	-23 55 30.0	- 0.786+.534	99.5	2
6204	CZ 3346	7.5	51 12.25	+4.0430+.0033	-35 59 41.0	- 0.769+.589	97.6	2
6205	CZ 3382	8.6	51 44.93	+4.0100+.0031	-35 3 13.4	- 0.722+.584	97.6	2
6206	CZ 3397	8.4	52 4.08	+4.0740+.0032	-36 51 0.5	- 0.694+.594	97.7	2
6207	L 7513	5.9	52 8.04	+4.0739+.0032	-36 50 52.0	- 0.688+.594	97.6	2, 3
6208	CZ 3416	8.6	52 17.25	+3.8794+.0029	-31 7 17.6	- 0.675+.565	96.5	2
6209	L 7519	6.0	52 18.36	+3.8056+.0028	-28 44 53.2	- 0.673+.555	99.4	2
6210	CZ 3422	8.3	52 24.85	+4.0443+.0030	-36 1 22.4	- 0.664+.589	97.6	2
6211	CZ 3431	8.4	52 31.51	+4.0434+.0030	-35 59 49.7	- 0.654+.589	98.6	2
6212	L 7521	5.3	52 39.91	+3.8517+.0028	-30 14 34.7	- 0.642+.561	97.5	8
6213	CZ 3447	7.0	52 40.37	+3.8517+.0028	-30 14 36.2	- 0.641+.561	97.5	1
6214	CZ 3445	7.7	52 43.84	+4.0439+.0030	-36 0 41.8	- 0.636+.589	97.6	3
6215	CZ 3460	7.0	52 52.28	+3.8250+.0027	-29 22 49.8	- 0.624+.557	99.5	2
6216	GC 24416	7.2	52 54.50	+3.6264+.0026	-22 30 26.8	- 0.620+.528	99.5	2
6217	CZ 3489	7.7	53 20.86	+3.9538+.0028	-33 24 0.8	- 0.582+.576	97.6	2
6218	GC 24432	8.0	53 23.68	+3.6251+.0025	-22 27 29.3	- 0.578+.528	99.5	2
6219	CZ 3498	8.8	53 24.35	+3.8540+.0027	-30 18 52.7	- 0.577+.562	96.5	2
6220	CZ 3492	8.0	53 25.48	+4.0944+.0029	-37 24 1.0	- 0.575+.597	99.5	1
6221	Br 2246	4.8	53 41.22	+3.6623+.0025	-23 48 25.3	- 0.552+.534	97.5	8
6222	CZ 3520	8.7	53 45.72	+3.8389+.0026	-29 49 38.5	- 0.546+.559	96.6	3
6223	CZ 3518	8.4	53 51.27	+4.0782+.0028	-36 57 36.7	- 0.538+.594	{98.5} {98.2}	2, 3
6224	Br 2247	7.0	54 3.70	+3.6754+.0024	-24 16 33.4	- 0.520+.536	99.4	2
6225	CZ 3539	7.9	54 10.40	+4.2072+.0028	-40 19 45.9	- 0.510+.613	96.5	3
6226	CZ 3554	7.9	54 20.55	+3.9742+.0026	-34 0 1.9	- 0.495+.579	98.6	2
6227	CZ 3574	9.2	54 33.20	+3.7298+.0024	-26 10 54.4	- 0.476+.544	96.6	2, 1
6228	CZ 3568	9.0	54 39.53	+4.1197+.0026	-38 4 38.0	- 0.467+.600	96.6	2
6229	CZ 3588	8.5	54 43.64	+3.7308+.0024	-26 13 1.9	- 0.461+.544	96.5	1
6230	CZ 3584	9.0	54 45.42	+3.8749+.0024	-30 58 22.3	- 0.459+.565	96.6	2
6231	CZ 3601	7.0	55 2.51	+4.0571+.0025	-36 22 23.8	- 0.434+.591	97.6	2
6232	CZ 3627	8.4	55 11.43	+3.6854+.0023	-24 37 40.6	- 0.421+.537	96.5	2
6233	CZ 3630	8.8	55 16.03	+3.7737+.0023	-27 40 41.5	- 0.414+.550	96.5	2
6234	GC 24491	7.6	55 37.36	+3.6162+.0022	-22 7 42.5	- 0.383+.527	99.4	2
6235	CZ 3658	7.8	55 40.98	+3.9663+.0023	-33 45 53.3	- 0.378+.578	97.6	2
6236	Pi 312	5.7	55 50.87	+3.6339+.0022	-22 46 39.2	- 0.363+.530	99.1	2
6237	CZ 3682	8.2	56 5.74	+3.9705+.0022	-33 53 15.8	- 0.342+.579	97.6	2
6238	CZ 3688	8.8	56 9.18	+3.7819+.0022	-27 56 53.5	- 0.337+.551	96.5	1
6239	CZ 3686	9.5	56 9.29	+3.8242+.0022	-29 20 46.0	- 0.336+.557	96.6	1
6240	CZ 3698	9.1	56 18.85	+3.6409+.0021	-23 1 54.1	- 0.323+.531	96.6	2
6241	CZ 3699	8.4	56 19.28	+3.6409+.0021	-23 1 45.1	- 0.322+.531	96.6	2
6242	CZ 3697	8.0	56 20.30	+3.8300+.0022	-29 32 6.4	- 0.320+.558	96.5	2
6243	CZ 3702	7.9	56 24.83	+3.8248+.0021	-29 21 55.1	- 0.314+.557	96.6	3, 2
6244	CZ 3709	7.8	56 27.85	+3.6375+.0021	-22 54 15.3	- 0.309+.530	99.1	2
6245	CZ 3708	8.3	56 29.70	+3.7561+.0021	-27 4 40.1	- 0.307+.548	96.6	3
6246	CZ 3703	9.0	56 30.10	+4.0301+.0022	-35 36 45.2	- 0.306+.588	97.6	2
6247	CZ 3714	7.2	56 31.01	+3.6750+.0021	-24 15 15.2	- 0.305+.536	99.1	2
6248	CZ 3715	8.3	56 32.26	+3.6747+.0021	-24 14 42.9	- 0.303+.536	99.4	1
6249	CZ 3716	7.1	56 36.32	+3.7782+.0021	-27 49 33.9	- 0.297+.550	{95.2} {94.9}	7, 6
6250	Br 2255	5.5	17 56 43.39	+3.6757+.0021	-24 16 53.6	- 0.287+.536	99.4	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
6251	CZ 3721	9.1	17 56 43.82	+3.9042+.0021	-31 53 1.2	- 0.286+.569	96.6	2
6252	GC 24528	7.3	56 58.38	+3.6324+.0020	-22 43 7.1	- 0.265+.529	99.4	2
6253	CZ 3752	8.0	57 12.17	+3.8402+.0020	-29 51 43.8	- 0.245+.560	96.5	2
6254	CZ 3776	6.8	57 31.45	+3.9762+.0020	-34 3 19.0	- 0.217+.579	97.6	2
6255	CZ 3775	8.6	57 31.90	+4.0026+.0020	-34 49 23.2	- 0.216+.583	97.5	2
6256	CZ 3786	8.3	57 33.45	+3.6440+.0019	-23 8 23.0	- 0.214+.531	99.5	2, 1
6257	CPD-35° 7693	8.4	57 36.81	+4.0125+.0020	-35 6 30.3	- 0.209+.585	99.5	2
6258	Br 2260	5.9	57 44.57	+3.6780+.0019	-24 21 45.0	- 0.198+.536	99.1	2
6259	CZ 3804	8.0	57 49.09	+3.6767+.0019	-24 18 52.5	- 0.191+.536	99.1	2
6260	CZ 3807	7.8	57 52.22	+3.6357+.0019	-22 50 22.6	- 0.186+.530	99.1	2
6261	L 7542	5.8	58 6.40	+4.0405+.0018	-35 54 14.8	- 0.166+.589	97.6	2
6262	CZ 3816	8.0	58 8.67	+3.9995+.0018	-34 43 58.9	- 0.162+.583	97.6	2
6263	CZ 3839	8.0	58 15.13	+3.7495+.0018	-26 51 10.0	- 0.153+.546	96.5	2
6264	CZ 3835	8.5	58 23.27	+4.1067+.0018	-37 43 24.0	- 0.141+.598	96.5	2
6265	CZ 3851	8.9	58 25.65	+3.6725+.0018	-24 9 50.5	- 0.138+.535	96.5	2
6266	CZ 3859	9.2	58 31.00	+3.7282+.0018	-26 7 17.8	- 0.130+.543	96.6	2
6267	CZ 3866	7.2	58 37.00	+3.7135+.0018	-25 36 36.1	- 0.121+.541	99.1	2
6268	W Sagittarii*	Var	58 37.95	+3.8316+.0018	-29 35 4.3	- 0.120+.558	97.5	8
6269	CZ 3868	7.9	58 48.59	+4.0712+.0017	-36 45 32.1	- 0.104+.594	99.5	2
6270	CZ 3878	8.7	58 58.83	+4.0328+.0017	-35 41 6.7	- 0.089+.587	98.3	3
6271	CZ 3882	9.2	59 1.52	+3.9958+.0017	-34 37 38.4	- 0.085+.582	96.6	1
6272	CZ 3884	8.8	59 1.90	+3.9956+.0017	-34 37 15.4	- 0.085+.582	96.6	2
6273	Pi 342	7.3	59 2.53	+3.6792+.0018	-24 24 13.6	- 0.084+.536	99.5	2
6274	CZ 3916	7.6	59 17.97	+3.8224+.0016	-29 16 57.1	- 0.061+.557	99.5	2
6275	Lal 33102	8.2	59 22.71	+3.6040+.0017	-21 40 31.1	- 0.054+.525	94.9	3
6276	γ Sagittarii	3.1	59 23.06	+3.8579+.0016	-30 25 30.8	- 0.054+.562	97.6	23
6277	CZ 3937	5.9	59 38.25	+4.0450+.0015	-36 1 40.0	- 0.032+.590	97.6	2
6278	CZ 3945	7.9	59 39.18	+3.8938+.0016	-31 33 36.9	- 0.030+.568	97.6	2
6279	CZ 3948	8.1	17 59 42.09	+3.9854+.0015	-34 19 19.9	- 0.026+.581	96.5	2
6280	CZ 3985	8.6	18 0 17.33	+4.0661+.0014	-36 37 0.4	+ 0.025+.593	99.5	2
6281	CZ 4005	8.0	0 26.26	+3.7947+.0015	-28 22 19.7	+ 0.038+.553	98.7	2
6282	CZ 4004	8.3	0 26.50	+3.8151+.0015	-29 2 44.2	+ 0.039+.556	96.5	2
6283	CZ 4019	8.6	0 44.07	+4.0087+.0015	-34 59 58.1	+ 0.064+.584	97.6	2
6284	CZ 4024	8.4	0 49.85	+4.1499+.0012	-38 51 44.8	+ 0.073+.605	96.6	2
6285	CZ 4047	8.5	1 4.76	+3.9831+.0013	-34 15 14.5	+ 0.094+.580	97.6	1
6286	CZ 4060	8.8	1 10.30	+3.6755+.0014	-24 16 22.5	+ 0.103+.536	96.6	2
6287	Pi 356	7.0	1 11.45	+3.5981+.0015	-21 27 14.2	+ 0.104+.525	99.1	2
6288	CZ 4068	8.5	1 27.64	+3.9377+.0012	-32 54 17.5	+ 0.128+.574	97.6	2
6289	CZ 4075	7.8	1 34.97	+3.8764+.0012	-31 0 48.9	+ 0.138+.565	97.6	2
6290	Pi 359	4.7	1 44.95	+3.7976+.0013	-28 28 5.6	+ 0.153+.554	97.6	8
6291	CZ 5	8.5	1 45.02	+4.0032+.0011	-34 50 22.3	+ 0.153+.583	97.6	2
6292	CZ 57	7.2	2 29.96	+3.8448+.0011	-30 0 24.9	+ 0.219+.560	99.1	2
6293	CZ 58	8.2	2 30.86	+3.8814+.0011	-31 10 24.8	+ 0.220+.566	98.5	2
6294	CZ 55	8.6	2 31.40	+3.9600+.0010	-33 34 36.9	+ 0.221+.577	96.5	2
6295	CZ 60	9.0	2 32.93	+3.9518+.0010	-33 19 51.5	+ 0.223+.576	96.5	2
6296	CZ 59	7.5	2 35.59	+4.0686+.0009	-36 41 12.4	+ 0.227+.593	98.7	2
6297	GC 24684	7.2	2 38.70	+3.5983+.0013	-21 27 47.8	+ 0.231+.524	99.1	2
6298	CZ 68	9.2	2 39.74	+3.9511+.0010	-33 18 33.1	+ 0.233+.576	96.5	1
6299	CZ 67	8.4	2 41.52	+4.0340+.0009	-35 43 20.5	+ 0.236+.588	99.5	2
6300	CZ 80	6.3	18 2 42.98	+3.7099+.0012	-25 29 13.0	+ 0.238+.541	99.1	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		<b>M</b>	<b>h</b>	<b>m</b>	<b>s</b>	<b>s</b>	<b>s</b>	<b>°</b>	<b>'</b>	<b>"</b>	<b>"</b>	<b>"</b>		
6301	CZ 83	7.5	18	2	51.58	+3.9490	+0.0010	-33	14	56.3	+0.250	+0.575	97.6	2
6302	CZ 93	7.6		2	58.83	+3.7760	+0.0011	-27	44	57.7	+0.261	+0.550	96.5	2
6303	CZ 96	8.2		3	2.40	+3.7282	+0.0011	-26	7	18.5	+0.266	+0.543	95.6	4
6304	CZ 97	8.6		3	10.50	+4.0005	+0.0008	-34	45	51.2	+0.278	+0.583	97.6	2
6305	CZ 111	7.5		3	10.81	+3.6679	+0.0012	-24	0	13.1	+0.278	+0.534	99.5	2
6306	L 7588	6.6		3	26.71	+3.9319	+0.0008	-32	43	55.0	+0.301	+0.573	97.6	8
6307	CZ 127	7.6		3	31.63	+3.9132	+0.0009	-32	9	36.4	+0.309	+0.570	98.6	2
6308	GC 24709	8.8		3	38.86	+3.8677	+0.0009	-30	44	36.4	+0.319	+0.563	99.5	2
6309	L 7590	5.6		3	38.86	+3.8678	+0.0009	-30	44	40.4	+0.319	+0.563	99.5	2
6310	CZ 153	7.9		3	50.73	+3.8934	+0.0008	-31	32	58.8	+0.336	+0.567	98.6	2
6311	CZ 171	7.6		4	0.60	+3.6620	+0.0011	-23	47	23.9	+0.351	+0.534	98.7	2
6312	CZ 173	9.4		4	1.16	+3.6614	+0.0011	-23	46	11.6	+0.352	+0.533	98.7	1
6313	CZ 168	7.8		4	4.53	+3.9721	+0.0007	-33	56	8.9	+0.357	+0.579	98.2	2
6314	CZ 182	7.0		4	18.48	+3.9681	+0.0006	-33	49	7.2	+0.377	+0.578	98.1	2
6315	CZ 187	7.6		4	20.86	+3.7261	+0.0009	-26	3	3.2	+0.380	+0.543	99.4	2
6316	CZ 194	8.1		4	24.67	+3.6562	+0.0010	-23	35	2.0	+0.386	+0.533	96.6	3
6317	CZ 211	8.3		4	39.65	+3.8372	+0.0007	-29	46	14.1	+0.408	+0.559	96.5	2
6318	CZ 203	9.0		4	42.64	+4.2037	+0.0002	-40	13	44.2	+0.412	+0.612	96.5	3
6319	CZ 216	8.1		4	48.32	+3.9521	+0.0006	-33	20	42.3	+0.420	+0.576	97.0	4
6320	CZ 229	7.0		4	53.35	+3.7183	+0.0009	-25	46	55.7	+0.428	+0.542	99.5	2
6321	CZ 227	7.4		4	59.73	+4.0101	+0.0004	-35	2	43.5	+0.437	+0.584	98.5	2
6322	CZ 242	9.0		5	12.89	+3.9953	+0.0004	-34	37	3.0	+0.456	+0.582	96.6	2
6323	CZ 250	9.0		5	20.10	+3.8405	+0.0006	-29	52	34.6	+0.467	+0.559	96.6	1
6324	CZ 248	9.0		5	20.74	+3.9951	+0.0004	-34	36	50.2	+0.468	+0.582	96.6	2
6325	CZ 258	7.9		5	28.56	+3.9772	+0.0004	-34	5	24.0	+0.479	+0.579	97.6	2
6326	CZ 255	8.2		5	32.38	+4.1691	+0.0000	-39	21	52.0	+0.485	+0.607	96.6	2
6327	CZ 270	6.4		5	36.84	+3.8112	+0.0006	-28	55	22.1	+0.491	+0.555	98.7	1
6328	Br 2276	5.1		5	37.21	+3.6600	+0.0008	-23	43	17.7	+0.492	+0.533	98.9	3
6329	CZ 286	9.4		5	49.47	+3.8406	+0.0006	-29	52	53.7	+0.510	+0.559	96.6	2
6330	CZ 294	8.5		5	54.75	+3.8148	+0.0006	-29	2	40.7	+0.517	+0.555	96.6	2
6331	CPD-29° 5377	9.6		5	59.98	+3.8390	+0.0005	-29	49	50.3	+0.525	+0.559	96.6	1
6332	L 7605	8.1		6	2.69	+4.1618	+0.0000	-39	10	52.4	+0.529	+0.606	97.6	8
6333	A 14070	8.8		6	4.21	+3.8250	+0.0005	-29	22	34.2	+0.531	+0.557	96.6	1
6334	CZ 316	8.3		6	12.28	+3.7910	+0.0006	-28	15	27.5	+0.543	+0.552	99.1	2
6335	CZ 321	8.0		6	18.43	+3.7910	+0.0005	-28	15	34.4	+0.552	+0.552	98.7	2
6336	CZ 323	7.8		6	30.14	+4.1834	+0.0002	-39	43	55.0	+0.569	+0.609	96.5	2
6337	CZ 340	8.6		6	39.99	+3.9594	+0.0002	-33	34	2.8	+0.583	+0.577	97.6	2
6338	CZ 369	6.8		6	58.12	+3.6438	+0.0007	-23	8	29.6	+0.610	+0.530	98.7	2
6339	CZ 362	8.9		6	58.51	+3.9577	+0.0001	-33	31	3.0	+0.610	+0.576	96.6	2
6340	CZ 371	6.5		7	6.61	+3.9074	+0.0002	-31	59	33.1	+0.622	+0.569	98.5	2
6341	CZ 376	9.2		7	7.91	+3.9249	+0.0002	-32	31	45.3	+0.624	+0.571	96.5	1
6342	CZ 383	9.2		7	11.22	+3.7916	+0.0004	-28	16	49.4	+0.629	+0.552	93.6	5
6343	CZ 387	7.8		7	12.28	+3.7007	+0.0006	-25	10	30.7	+0.630	+0.539	96.6	2
6344	CZ 382*	8.4		7	17.98	+4.0758	+0.0002	-36	53	50.1	+0.639	+0.594	99.5	2
6345	CZ 398	7.1		7	26.43	+3.9952	+0.0000	-34	37	23.1	+0.651	+0.582	98.6	2
6346	CZ 407	8.5		7	32.42	+4.0236	+0.0001	-35	26	20.5	+0.660	+0.586	98.2	2
6347	CZ 410	8.8		7	37.41	+4.1043	+0.0003	-37	40	38.1	+0.667	+0.598	96.6	3
6348	$\mu$ Sagittarii	4.0		7	46.99	+3.5879	+0.0007	-21	5	6.1	+0.681	+0.522	97.6	12
6349	CZ 432	7.5		7	53.83	+3.7690	+0.0003	-27	31	44.1	+0.691	+0.549	99.1	2
6350	CZ 440	8.8	18	8	7.42	+3.9459	+0.0000	-33	10	6.9	+0.711	+0.574	96.6	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No Obs.
			M	h	m	s	s	s	°	'	"	"		
6351	CZ 443	7.8	18	8	11.03	+4.0119-	.0002	-35	6	30.2	+0.716+	.584	97.4	5
6352	Br 2286	5.7		8	15.42	+3.6054+	.0006	-21	44	24.5	+0.722+	.525	99.1	2
6353	CZ 455	8.8		8	24.37	+3.9611-	.0002	-33	37	31.7	+0.735+	.576	96.5	2
6354	CZ 460	8.8		8	25.15	+3.8885	.0000	-31	24	44.8	+0.736+	.566	96.6	2
6355	CZ 481	6.8		8	41.16	+3.8393+	.0001	-29	51	4.8	+0.760+	.559	99.1	2
6356	CZ 482	8.0		8	45.83	+4.0104-	.0003	-35	4	2.3	+0.767+	.584	98.1	2
6357	CZ 487	7.5		8	47.83	+3.9951-	.0003	-34	37	27.2	+0.770+	.581	99.5	2
6358	CZ 500	7.9		8	57.20	+3.7341+	.0002	-26	20	29.2	+0.783+	.544	96.5	2
6359	CZ 509	8.4		8	59.47	+3.6682+	.0004	-24	1	37.3	+0.786+	.534	99.5	2
6360	CZ 498	7.4		9	4.43	+4.0648-	.0005	-36	36	13.3	+0.794+	.592	99.5	2
6361	CZ 507	8.0		9	5.12	+3.9195-	.0002	-32	22	19.5	+0.795+	.570	97.6	2
6362	CZ 508	7.0		9	5.79	+3.9442-	.0002	-33	7	15.5	+0.796+	.574	98.6	2
6363	CZ 504	7.9		9	6.93	+4.0314-	.0004	-35	40	4.8	+0.797+	.587	97.6	2
6364	CZ 526	7.5		9	25.47	+3.9665-	.0004	-33	47	16.7	+0.824+	.577	98.2	2
6365	CZ 536	8.3		9	25.80	+3.7345+	.0002	-26	21	28.4	+0.825+	.544	96.5	2
6366	CZ 534	8.2		9	29.93	+3.9515-	.0003	-33	20	30.6	+0.831+	.575	97.6	2
6367	CZ 533	7.6		9	31.50	+4.0174-	.0005	-35	16	20.8	+0.833+	.585	98.5	2
6368	CZ 543	8.9		9	34.86	+3.8187	.0000	-29	11	10.4	+0.838+	.556	96.6	2
6369	CZ 553	8.1		9	42.20	+3.6630+	.0003	-23	50	31.8	+0.849+	.533	96.6	3
6370	CZ 550	7.8		9	42.64	+3.8813-	.0002	-31	11	25.4	+0.849+	.565	96.6	2
6371	CZ 557	9.0		9	48.86	+3.7867	.0000	-28	7	43.5	+0.858+	.550	91.6	2, 3
6372	CZ 554	7.8		9	50.10	+3.8864-	.0002	-31	21	9.7	+0.860+	.566	98.2	2
6373	CZ 584	8.8		10	9.74	+3.7816	.0000	-27	57	35.8	+0.889+	.550	96.6	2
6374	CZ 599	8.2		10	27.56	+3.6654+	.0002	-23	56	2.3	+0.915+	.533	96.6	2
6375	CZ 609	6.8		10	39.97	+3.7752-	.0001	-27	44	46.2	+0.933+	.549	96.6	2
6376	CZ 607	8.5		10	42.95	+3.9390-	.0005	-32	58	22.8	+0.937+	.573	98.7	2
6377	CZ 615	8.0		10	47.59	+3.8856-	.0004	-31	19	52.4	+0.944+	.565	98.2	2
6378	$\eta$ Sagittarii	3.2		10	51.72	+4.0713-	.0009	-36	47	30.4	+0.950+	.592	97.6	8
6379	CZ 624*	6.6		10	58.47	+3.9781-	.0007	-34	8	31.0	+0.960+	.579	97.1	4
6380	CZ 629	9.2		11	3.42	+3.9775-	.0007	-34	7	18.6	+0.967+	.578	96.6	2
6381	CZ 632	6.8		11	3.45	+3.7923-	.0002	-28	19	10.4	+0.967+	.552	99.1	2
6382	CZ 635	6.0		11	3.64	+3.8034-	.0002	-28	41	10.2	+0.967+	.553	98.7	2
6383	CZ 647	8.0		11	15.63	+3.9542-	.0007	-33	25	55.0	+0.985+	.575	97.6	2
6384	CZ 653	7.2		11	17.26	+3.7797-	.0002	-27	53	59.7	+0.987+	.550	96.6	2
6385	CZ 654	8.4		11	18.59	+3.7867-	.0002	-28	8	6.1	+0.989+	.551	96.6	2
6386	CZ 664	8.6		11	26.16	+3.7795-	.0002	-27	53	53.5	+1.000+	.550	96.6	1
6387	CZ 672	7.2		11	35.18	+3.7645-	.0002	-27	23	25.3	+1.013+	.548	99.5	2
6388	Pi 24	4.7		11	47.61	+3.7553-	.0003	-27	4	43.4	+1.031+	.546	99.5	2
6389	CZ 680	8.1		11	50.40	+4.0882-	.0012	-37	15	39.8	+1.035+	.595	99.1	2
6390	CZ 684	7.2		11	50.77	+3.9979-	.0009	-34	43	22.2	+1.036+	.581	97.6	2
6391	CZ 712	9.0		12	21.93	+3.8832-	.0007	-31	15	58.4	+1.081+	.565	96.5	2
6392	CZ 723	6.7		12	30.39	+3.7134-	.0002	-25	38	30.5	+1.094+	.540	98.7	2
6393	CZ 724	8.4		12	38.39	+3.9997-	.0011	-34	46	48.6	+1.105+	.581	97.5	2
6394	CZ 780	9.2		13	21.20	+3.7693-	.0005	-27	33	53.3	+1.168+	.548	96.6	1
6395	CZ 783	8.2		13	26.28	+3.7687-	.0005	-27	32	43.6	+1.175+	.548	96.5	2
6396	CZ 773	8.0		13	26.74	+4.2047-	.0020	-40	18	48.0	+1.176+	.611	96.5	2
6397	CZ 781	8.8		13	28.97	+4.0007-	.0013	-34	48	54.9	+1.179+	.581	96.5	2
6398	CZ 784	7.2		13	34.55	+4.0235-	.0013	-35	28	11.0	+1.187+	.585	97.6	2
6399	CZ 802	8.4		13	45.31	+3.9190-	.0010	-32	23	6.6	+1.203+	.570	97.6	2
6400	CZ 808	8.8	18	13	52.15	+3.7297-	.0005	-26	12	54.6	+1.213+	.542	96.6	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
6401	GC 24972	7.8	18 13 52.66	+4.0716-.0016	-36 49 1.9	+1.213+.592	98.7	2
6402	CZ 810	7.5	13 58.06	+3.8860-.0010	-31 21 31.1	+1.221+.565	97.6	2
6403	CZ 815	8.8	14 3.15	+3.9192-.0011	-32 23 34.9	+1.229+.570	96.6	2
6404	CZ 821	7.2	14 4.43	+3.7658-.0006	-27 26 56.7	+1.231+.547	99.1	2
6405	GC 24983	7.8	14 20.55	+3.9517-.0012	-33 22 32.6	+1.254+.574	95.4	4
6406	$\delta$ Sagittarii	2.8	14 35.53	+3.8390-.0009	-29 52 14.1	+1.276+.558	97.6	10
6407	CZ 853	9.0	14 44.85	+3.7776-.0008	-27 51 6.4	+1.289+.549	96.6	2
6408	CZ 854	7.5	14 48.51	+3.9136-.0009	-32 13 29.8	+1.295+.568	97.6	2
6409	CZ 857	7.0	14 49.16	+3.8738-.0011	-30 59 6.0	+1.296+.563	99.1	2
6410	CZ 863	8.2	14 58.64	+3.9581-.0014	-33 34 28.6	+1.309+.575	97.6	2
6411	CZ 870	7.0	14 59.68	+3.7270-.0006	-26 7 45.6	+1.311+.541	99.5	2
6412	CZ 868	9.1	15 2.67	+4.0114-.0016	-35 7 56.1	+1.315+.582	98.3	3
6413	CPD-35° 7925	7.8	15 9.97	+4.0099-.0016	-35 5 31.2	+1.326+.582	98.6	3
6414	CZ 878	8.6	15 17.49	+3.8464-.0011	-30 7 2.0	+1.337+.559	96.5	2
6415	L 7681	6.6	15 21.98	+3.6935-.0006	-24 57 35.5	+1.343+.536	99.1	2
6416	CZ 880	8.4	15 25.04	+4.1367-.0022	-38 35 25.8	+1.348+.601	96.5	2
6417	L 7682	6.9	15 40.49	+3.7961-.0010	-28 28 32.4	+1.370+.551	99.1	2
6418	CZ 926	7.5	15 59.22	+3.6379-.0005	-22 58 2.9	+1.398+.528	99.5	2
6419	L 7677	5.4	16 6.50	+4.0672-.0020	-36 42 59.1	+1.408+.592	97.6	2
6420	CZ 933	8.3	16 7.33	+3.7365-.0009	-26 27 46.7	+1.409+.543	99.5	2
6421	CZ 942	9.1	16 20.07	+3.9964-.0018	-34 42 44.1	+1.428+.580	96.6	2
6422	L 7684	5.6	16 43.78	+4.0516-.0021	-36 17 13.1	+1.462+.588	97.6	2
6423	CZ 972	8.8	16 57.96	+4.0044-.0020	-34 56 58.6	+1.483+.581	97.6	2
6424	CZ 997	8.2	17 20.34	+3.7292-.0010	-26 13 13.0	+1.516+.541	96.5	2
6425	CZ 1005	8.9	17 24.71	+3.6756-.0008	-24 20 13.2	+1.522+.534	96.6	2
6426	CZ 994	7.2	17 24.88	+4.0080-.0021	-35 3 17.9	+1.522+.582	97.6	2
6427	CZ 996	8.0	17 25.62	+3.9848-.0020	-34 23 2.3	+1.523+.578	98.2	2
6428	$\epsilon$ Sagittarii	2.0	17 32.09	+3.9865-.0020	-34 25 54.7	+1.532+.578	97.6	8
6429	CZ 1017	9.8	17 39.38	+3.8794-.0016	-31 10 58.3	+1.543+.563	96.6	2
6430	CPD-37° 8101	7.9	17 42.32	+4.0872-.0025	-37 16 41.4	+1.548+.593	98.7	2
6431	CPD-33° 5062	8.6	17 54.43	+3.9492-.0019	-33 19 57.1	+1.565+.573	99.4	2
6432	CZ 1042	8.8	18 2.49	+3.8295-.0015	-29 35 33.0	+1.577+.556	96.6	2
6433	CZ 1045	8.8	18 3.60	+3.8291-.0015	-29 34 40.1	+1.579+.556	96.6	1
6434	CZ 1043	7.5	18 5.30	+3.9166-.0018	-32 20 34.5	+1.581+.568	97.6	2
6435	L 7698	5.7	18 35.80	+3.8672-.0017	-30 48 27.5	+1.625+.561	94.6	5
6436	CZ 1072	6.5	18 37.94	+4.0424-.0025	-36 2 43.0	+1.628+.586	97.6	2
6437	CZ 1077	8.4	18 43.07	+4.0842-.0027	-37 12 11.7	+1.636+.592	98.2	2
6438	CZ 1089	8.9	18 49.00	+3.8727-.0018	-30 58 55.2	+1.644+.562	96.6	2
6439	GC 25104	7.5	19 17.57	+3.9712-.0023	-34 0 2.5	+1.686+.576	98.7	2
6440	Anon	9.3	19 21.03	+3.7650-.0014	-27 27 39.9	+1.691+.546	96.5	2
6441	CZ 1122	9.1	19 21.04	+3.7650-.0014	-27 27 46.0	+1.691+.546	96.6	3
6442	CZ 1123	8.0	19 24.90	+3.8988-.0020	-31 48 33.8	+1.697+.565	97.5	2
6443	CZ 1169	7.5	20 15.28	+3.8555-.0020	-30 26 55.7	+1.770+.559	98.7	2
6444	CZ 1168	7.8	20 15.88	+4.0186-.0027	-35 23 24.1	+1.771+.583	97.6	2
6445	CZ 1184	7.9	20 35.25	+3.8864-.0022	-31 25 50.8	+1.799+.563	97.6	2
6446	CZ 1186	7.2	20 39.17	+4.0427-.0029	-36 4 29.0	+1.805+.586	97.6	2
6447	GC 25141	7.4	20 56.40	+3.9528-.0025	-33 28 10.4	+1.830+.573	98.7	3
6448	CZ 1213	9.0	21 6.45	+3.8913-.0023	-31 35 26.1	+1.844+.564	96.5	2
6449	CZ 1220	8.0	21 13.37	+3.9101-.0024	-32 10 29.6	+1.854+.567	97.6	2
6450	CZ 1227	8.4	18 21 23.84	+4.0408-.0030	-36 1 54.8	+1.869+.585	97.6	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
6451	CZ 1233	5.9	18 21 25.88	+3.8374-.0021	-29 52 37.7	+ 1.872+.556	{96.8} {99.5}	3, 2
6452	CZ 1239*	7.6	21 29.64	+3.7419-.0016	-26 41 38.0	+ 1.878+.542	99.1	2
6453	CZ 1246	8.0	21 38.98	+3.9215-.0025	-32 31 49.0	+ 1.891+.568	99.5	2
6454	CZ 1240	8.5	21 39.74	+4.1477-.0037	-38 55 28.4	+ 1.893+.601	96.6	2
6455	λ Sagittarii	2.9	21 47.98	+3.7068-.0016	-25 28 36.8	+ 1.904+.537	97.6	8
6456	CZ 1257	6.8	21 51.74	+3.7454-.0017	-26 49 1.0	+ 1.910+.542	96.6	2
6457	CZ 1261	8.5	21 54.57	+3.7457-.0017	-26 49 44.6	+ 1.914+.542	96.6	1
6458	CZ 1262	8.2	21 58.09	+3.8784-.0024	-31 11 32.0	+ 1.919+.562	97.6	2
6459	CZ 1273	8.0	22 3.16	+3.6392-.0013	-23 3 39.7	+ 1.927+.527	99.1	2
6460	CZ 1278	8.9	22 16.18	+3.8390-.0022	-29 56 24.0	+ 1.945+.556	94.1	4
6461	CZ 1314	8.1	22 43.27	+3.7405-.0018	-26 39 22.6	+ 1.985+.542	99.1	2
6462	CZ 1315	7.0	22 43.43	+3.7401-.0018	-26 38 40.6	+ 1.985+.542	99.1	2
6463	CZ 1320*	8.8	22 46.96	+3.6960-.0016	-25 6 17.7	+ 1.990+.535	96.5	1
6464	GC 25203*	8.8	22 47.21	+3.6960-.0016	-25 6 19.1	+ 1.990+.535	96.5	1
6465	CZ 1317	8.2	22 50.00	+3.8917-.0026	-31 37 17.0	+ 1.994+.563	96.5	2
6466	CZ 1321	7.0	22 50.04	+3.8198-.0022	-29 19 17.5	+ 1.995+.553	99.5	2
6467	GC 25206	7.4	23 1.12	+3.9698-.0030	-33 59 51.7	+ 2.011+.575	99.1	2
6468	CZ 1348	6.9	23 11.88	+3.7020-.0017	-25 19 13.0	+ 2.026+.536	99.1	2
6469	CZ 1354	8.4	23 24.70	+3.9567-.0030	-33 36 45.8	+ 2.045+.573	99.5	2
6470	CZ 1356	8.0	23 26.72	+3.9549-.0030	-33 33 36.0	+ 2.048+.572	97.6	2
6471	CZ 1358	7.4	23 27.72	+3.9400-.0029	-33 6 45.8	+ 2.049+.570	98.4	4
6472	CZ 1357	8.7	23 30.03	+4.0707-.0037	-36 53 18.0	+ 2.053+.589	97.6	2
6473	CZ 1374	8.8	23 39.02	+3.7238-.0019	-26 5 15.3	+ 2.066+.539	96.5	2
6474	CZ 1372	9.1	23 43.41	+4.0974-.0039	-37 36 55.1	+ 2.072+.593	96.5	2
6475	CZ 1405	7.6	24 8.81	+3.7101-.0019	-25 36 57.0	+ 2.109+.537	96.6	2
6476	CZ 1404	8.0	24 10.60	+3.8054-.0024	-28 51 40.7	+ 2.111+.550	99.5	2
6477	CZ 1416	8.2	24 17.31	+3.6682-.0017	-24 7 44.6	+ 2.121+.530	99.5	2
6478	CZ 1413	7.4	24 24.39	+4.0699-.0039	-36 52 37.3	+ 2.131+.588	97.7	2
6479	CZ 1426	7.5	24 24.63	+3.6456-.0016	-23 19 1.9	+ 2.132+.527	99.1	2
6480	L 7746	5.4	24 31.26	+3.9377-.0031	-33 3 19.4	+ 2.141+.570	97.6	8
6481	CZ 1440	9.0	24 45.57	+3.7510-.0022	-27 2 21.3	+ 2.162+.542	99.1	2
6482	L 7748	5.2	25 23.48	+4.1786-.0048	-39 46 23.9	+ 2.217+.604	97.6	8
6483	CZ 1469	8.5	25 29.01	+3.7138-.0021	-25 45 35.5	+ 2.225+.537	96.5	2
6484	CZ 1484	7.9	25 50.17	+3.9357-.0033	-33 0 34.0	+ 2.256+.569	97.6	2
6485	CZ 1483	7.6	25 51.75	+4.0174-.0038	-35 25 12.5	+ 2.258+.581	98.1	2
6486	CZ 1490	7.8	25 52.35	+3.8169-.0027	-29 15 38.3	+ 2.259+.552	98.7	2
6487	CZ 1501	8.4	25 59.93	+3.7368-.0023	-26 33 49.3	+ 2.270+.540	96.5	3
6488	CZ 1523	9.0	26 22.72	+3.7570-.0025	-27 15 37.6	+ 2.303+.543	91.6	1, 2
6489	Pi 90	8.0	26 29.23	+4.1401-.0048	-38 47 32.3	+ 2.312+.598	96.6	2
6490	Pi 89	7.5	26 29.32	+4.1403-.0048	-38 47 54.2	+ 2.312+.598	96.6	2
6491	CZ 1533	8.4	26 50.08	+4.0673-.0044	-36 50 19.7	+ 2.342+.588	97.6	2
6492	CZ 1535	8.0	26 53.17	+4.0687-.0044	-36 52 42.6	+ 2.347+.588	97.6	2
6493	CZ 1545	8.2	26 54.72	+3.6990-.0022	-25 15 14.3	+ 2.349+.534	96.6	2
6494	CZ 1542	9.0	26 58.16	+3.9579-.0037	-33 41 42.5	+ 2.354+.572	96.6	2
6495	Br 2319	7.2	27 7.57	+3.6688-.0021	-24 10 55.7	+ 2.368+.530	98.7	2
6496	CZ 1554	9.0	27 10.94	+4.0533-.0044	-36 27 14.8	+ 2.373+.586	96.6	2
6497	CZ 1564	8.6	27 16.09	+3.8160-.0029	-29 14 56.8	+ 2.380+.551	96.6	2
6498	L 7761	5.4	27 24.20	+3.9376-.0037	-33 5 26.8	+ 2.392+.569	97.6	2
6499	CZ 1575	8.0	27 31.75	+3.9358-.0037	-33 2 10.0	+ 2.403+.568	97.6	2
6500	CZ 1591	8.0	18 27 40.72	+3.6690-.0022	-24 11 50.9	+ 2.416+.530	98.7	2

6452 Mean. 6463-4 Mean. 47°06, 18°5, 96°6, 1 obs.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
6501	Br 2324	5.7	18 27 46.94	+3.6665-.0022	-24 6 24.8	+ 2.425+.529	97.6	8
6502	GC 25338	8.0	27 47.52	+3.9982-.0041	-34 53 31.6	+ 2.426+.577	97.6	2
6503	GC 25339	8.2	27 47.70	+3.9982-.0041	-34 53 33.6	+ 2.426+.577	97.6	2
6504	CZ 1594	7.4	27 49.66	+3.8687-.0033	-30 57 28.5	+ 2.429+.559	99.1	2
6505	CZ 1602	8.6	27 57.80	+3.8682-.0033	-30 56 35.4	+ 2.441+.558	98.7	1
6506	CZ 1612	8.3	28 14.30	+4.0412-.0045	-36 7 46.4	+ 2.464+.583	98.6	2
6507	Br 2326	7.0	28 25.72	+3.6716-.0023	-24 17 54.7	+ 2.481+.530	99.5	2
6508	CZ 1627	9.1	28 28.03	+3.6993-.0025	-25 17 0.6	+ 2.484+.534	96.6	3
6509	CZ 1622	9.2	28 28.68	+3.8637-.0034	-30 48 26.8	+ 2.485+.558	96.5	2
6510	CZ 1637	6.8	28 53.42	+3.9329-.0039	-32 58 8.4	+ 2.521+.568	97.7	2, 1
6511	Yarn 8021	8.7	29 5.62	+4.0679-.0048	-36 53 20.3	+ 2.539+.587	99.5	2
6512	CZ 1651	8.2	29 11.59	+4.0006-.0044	-34 58 59.7	+ 2.547+.577	99.5	2
6513	CZ 1663	8.2	29 17.82	+3.7606-.0029	-27 25 13.6	+ 2.556+.542	96.5	2
6514	CZ 1662	8.0	29 19.84	+3.8387-.0034	-30 0 59.6	+ 2.559+.554	98.7	2
6515	L 7778	6.6	29 36.64	+3.8313-.0034	-29 46 42.2	+ 2.584+.553	97.6	8
6516	CZ 1681	7.5	29 44.35	+4.0192-.0047	-35 31 34.7	+ 2.595+.580	97.6	2
6517	CZ 1685	8.9	29 50.98	+4.0985-.0052	-37 44 4.7	+ 2.604+.591	96.6	2
6518	GC 25399	7.3	30 43.88	+3.7948-.0034	-28 35 28.7	+ 2.681+.547	96.5	3
6519	CZ 1746	8.1	30 48.65	+3.8167-.0035	-29 19 9.9	+ 2.688+.551	98.7	2
6520	CZ 1740	8.2	30 48.66	+3.9978-.0047	-34 55 41.2	+ 2.688+.576	97.6	2
6521	CZ 1750	8.4	30 55.21	+3.8239-.0036	-29 33 23.1	+ 2.697+.551	96.6	2
6522	CZ 1759	7.8	31 0.47	+3.7115-.0029	-25 44 44.2	+ 2.705+.535	94.6	5
6523	CZ 1756	8.5	31 5.09	+3.9874-.0047	-34 37 42.6	+ 2.711+.574	97.6	2
6524	CZ 1785	8.2	31 47.51	+3.9249-.0044	-32 46 2.4	+ 2.773+.565	96.6	2
6525	Br 2332	5.8	31 55.16	+3.5937-.0023	-21 28 49.4	+ 2.784+.518	99.0	2
6526	GC 25420	7.5	31 55.98	+3.9510-.0046	-33 33 52.9	+ 2.785+.569	99.1	2
6527	CZ 1793	8.8	31 59.76	+4.1681-.0063	-39 36 19.4	+ 2.790+.600	96.5	2
6528	CZ 1809*	8.3	32 4.97	+3.7043-.0030	-25 30 23.3	+ 2.798+.533	98.7	2
6529	CZ 1807	8.0	32 7.90	+3.8820-.0042	-31 26 25.5	+ 2.802+.559	99.1	2
6530	CZ 1814	7.4	32 18.00	+3.8404-.0039	-30 6 49.0	+ 2.817+.553	99.1	2
6531	CZ 1820	8.3	32 25.17	+3.8288-.0039	-29 44 17.4	+ 2.827+.551	96.6	3
6532	Br 2333	5.8	32 25.78	+3.6506-.0027	-23 35 25.1	+ 2.828+.526	97.6	8
6533	CZ 1821	8.2	32 26.85	+3.8556-.0040	-30 36 18.6	+ 2.829+.555	99.5	2
6534	CZ 1825	8.8	32 35.19	+4.0454-.0054	-36 18 55.7	+ 2.841+.582	97.6	2
6535	CZ 1830	6.3	32 40.78	+3.9738-.0049	-34 15 10.6	+ 2.850+.572	97.6	2
6536	CZ 1846	7.8	32 55.45	+3.7842-.0036	-28 16 3.7	+ 2.871+.544	99.1	2
6537	Br 2335	5.9	32 55.70	+3.5841-.0024	-21 8 4.6	+ 2.871+.516	99.1	2
6538	CZ 1842	7.6	32 57.16	+3.9346-.0047	-33 4 55.4	+ 2.873+.566	97.7	2
6539	CZ 1854	7.0	32 58.04	+3.6416-.0027	-23 16 8.2	+ 2.874+.524	99.5	2
6540	CZ 1868	7.8	33 37.78	+4.0072-.0054	-35 14 54.6	+ 2.932+.576	97.6	2
6541	CZ 1873	8.4	33 38.00	+3.7060-.0033	-25 35 22.0	+ 2.932+.533	99.1	2
6542	GC 25471	8.7	33 41.46	+3.7062-.0033	-25 35 42.4	+ 2.937+.533	99.5	2
6543	CZ 1877	8.5	33 41.80	+3.7061-.0033	-25 35 36.3	+ 2.938+.533	99.5	2
6544	CZ 1889	7.5	33 59.70	+3.9628-.0051	-33 56 52.6	+ 2.963+.570	96.5	2
6545	CZ 1915	8.9	34 27.42	+3.9629-.0052	-33 57 41.2	+ 3.003+.570	97.6	2
6546	CZ 1916	8.4	34 32.62	+4.0471-.0059	-36 23 58.7	+ 3.011+.582	97.6	2
6547	CZ 1920	7.0	34 35.21	+3.8549-.0044	-30 37 11.4	+ 3.015+.554	98.7	2
6548	CZ 1947	8.5	34 58.33	+3.8026-.0041	-28 55 4.7	+ 3.048+.546	96.5	3
6549	CZ 1965	8.2	35 24.46	+3.9825-.0055	-34 33 30.8	+ 3.086+.572	97.6	2
6550	CZ 1968	8.0	18 35 29.06	+3.8844-.0048	-31 34 17.8	+ 3.092+.560	97.6	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
6551	CZ 1978	7.0	18 35 39.07	+3.9128-.0050	-32 27 40.6	+ 3.107+.562	97.6	2
6552	Br 2338	6.1	35 45.68	+3.6586-.0032	-23 55 35.5	+ 3.116+.525	98.7	2
6553	CZ 1987	8.8	35 49.75	+3.8258-.0044	-29 41 46.4	+ 3.122+.549	96.5	2
6554	CZ 1982	8.2	35 50.40	+4.0060-.0058	-35 14 57.9	+ 3.123+.575	97.6	2
6555	CZ 2004	8.9	36 11.00	+3.6831-.0034	-24 48 49.3	+ 3.153+.529	96.6	2
6556	CZ 2013	8.1	36 29.65	+3.9248-.0053	-32 50 39.6	+ 3.180+.563	97.7	2
6557	CZ 2033	8.2	36 54.94	+3.9634-.0057	-34 1 14.0	+ 3.216+.569	97.7	2
6558	λ Coronae Aust	5.1	36 55.36	+4.1193-.0070	-38 25 10.5	+ 3.217+.591	97.6	8
6559	CZ 2057	6.9	37 22.02	+4.0601-.0066	-36 48 56.8	+ 3.255+.582	97.6	2
6560	CZ 2066	8.6	37 30.35	+3.7251-.0039	-26 19 1.8	+ 3.267+.534	96.5	2
6561	CZ 2075	8.8	37 36.92	+3.6415-.0034	-23 19 44.2	+ 3.276+.522	94.1	4
6562	L 7830	4.8	37 37.42	+4.0218-.0063	-35 44 25.5	+ 3.277+.577	96.5	2
6563	CZ 2100	8.1	38 0.11	+3.8195-.0047	-29 31 39.5	+ 3.310+.548	96.6	3
6564	L 7829	5.5	38 0.39	+4.1707-.0078	-39 47 13.1	+ 3.310+.598	96.6	2
6565	CZ 2108	8.2	38 16.39	+3.9446-.0058	-33 28 58.4	+ 3.333+.566	97.6	2
6566	CZ 2129	7.9	38 33.35	+3.7126-.0040	-25 53 41.6	+ 3.357+.532	96.6	2
6567	CZ 2124	6.0	38 36.23	+4.0287-.0066	-35 57 25.6	+ 3.362+.577	97.6	2
6568	CZ 2131	8.2	38 36.45	+3.8213-.0048	-29 35 56.3	+ 3.362+.548	96.6	2
6569	A 14671	7.0	38 40.28	+3.5805-.0031	-21 4 20.4	+ 3.367+.513	99.1	2
6570	Pi 155	7.0	38 40.75	+3.6903-.0038	-25 6 40.8	+ 3.368+.529	99.0	2
6571	CZ 2162	8.4	39 0.46	+3.6415-.0035	-23 21 0.6	+ 3.396+.522	96.5	2
6572	CZ 2167	8.0	39 17.56	+3.9840-.0063	-34 40 40.6	+ 3.421+.571	97.6	2
6573	GC 25615	6.8	39 20.51	+3.5810-.0032	-21 6 11.2	+ 3.425+.513	99.1	2
6574	φ Sagittarii	3.3	39 24.55	+3.7465-.0044	-27 5 37.0	+ 3.431+.537	97.6	8
6575	CZ 2193	7.2	39 47.74	+3.7612-.0046	-27 36 12.2	+ 3.464+.539	99.5	2
6576	CZ 2194	8.0	39 54.96	+3.9612-.0062	-34 0 45.1	+ 3.475+.567	97.6	3
6577	CZ 2202	8.2	40 0.98	+3.7565-.0045	-27 26 55.9	+ 3.483+.538	94.9	3
6578	CZ 2205	8.0	40 4.75	+3.8214-.0051	-29 37 35.8	+ 3.489+.547	96.5	1
6579	CZ 2204	8.0	40 5.76	+3.8957-.0057	-32 0 42.5	+ 3.490+.558	97.6	1
6580	CZ 2210	8.9	40 17.53	+4.1647-.0082	-39 40 8.6	+ 3.507+.596	96.6	2, 1
6581	Br 2345	5.8	40 18.79	+3.6178-.0035	-22 29 48.1	+ 3.509+.518	99.1	2
6582	CZ 2220	8.2	40 21.77	+3.8205-.0051	-29 36 12.6	+ 3.513+.547	96.6	3
6583	CZ 2224	7.4	40 25.27	+3.8245-.0052	-29 44 9.7	+ 3.518+.547	99.1	2
6584	CZ 2235	7.5	40 43.22	+3.8900-.0058	-31 50 47.1	+ 3.544+.556	97.6	2
6585	CPD-32° 5554	7.8	41 7.20	+3.9162-.0061	-32 40 10.5	+ 3.578+.560	99.1	2
6586	CZ 2252	8.2	41 10.28	+4.0146-.0070	-35 36 22.0	+ 3.583+.574	97.6	2
6587	CZ 2265	8.0	41 18.98	+3.7834-.0050	-28 23 12.9	+ 3.595+.541	99.1	2
6588	CZ 2277	8.4	41 24.62	+3.6700-.0041	-24 25 39.4	+ 3.603+.524	96.5	2
6589	CZ 2278	7.5	41 34.90	+4.0679-.0076	-37 7 19.0	+ 3.618+.582	97.5	2
6590	CZ 2280	7.2	41 38.96	+3.9601-.0066	-34 0 59.4	+ 3.624+.566	97.6	2
6591	Lal 34813	8.4	41 40.29	+3.7482-.0047	-27 11 38.7	+ 3.626+.536	99.1	2
6592	CZ 2298	7.8	41 53.47	+3.8934-.0060	-31 58 25.9	+ 3.645+.556	97.6	2
6593	CZ 2319	7.0	42 31.47	+3.9201-.0064	-32 49 16.6	+ 3.699+.560	97.6	2
6594	CZ 2324*	6.6	42 38.43	+3.9877-.0070	-34 51 25.0	+ 3.709+.570	97.7	2
6595	CZ 2331	8.5	42 51.84	+4.0778-.0080	-37 25 24.2	+ 3.728+.582	97.6	2
6596	GC 25714	7.5	43 6.61	+3.9488-.0068	-33 42 31.3	+ 3.750+.564	98.7	2
6597	CZ 2351	7.8	43 9.55	+3.9801-.0070	-34 38 38.3	+ 3.754+.568	97.7	2
6598	CZ 2356	7.7	43 15.14	+3.9686-.0070	-34 18 15.1	+ 3.762+.567	97.6	2
6599	CZ 2361	8.1	43 22.15	+3.7486-.0050	-27 14 14.0	+ 3.772+.535	98.7	2
6600	GC 25728	8.2	18 43 34.71	+3.9485-.0068	-33 42 38.3	+ 3.790+.563	98.7	2



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		M	h m s	s s	° ' "	" "		
6601	CZ 2375	8.0	18 43 44.89	+4.0592-.0080	-36 55 42.6	+ 3.804+.579	97.6	2
6602	CZ 2395	8.0	44 10.01	+3.9718-.0072	-34 25 9.9	+ 3.840+.566	97.6	2
6603	CZ 2409	8.0	44 23.98	+3.7378-.0051	-26 53 4.5	+ 3.860+.533	99.1	2
6604	CZ 2411	8.0	44 31.92	+3.8632-.0062	-31 4 35.1	+ 3.872+.551	99.5	2
6605	Br 2353	6.2	44 49.82	+3.6099-.0040	-22 16 35.6	+ 3.897+.514	97.6	8
6606	CZ 2424	7.8	44 53.82	+4.0458-.0080	-36 34 43.2	+ 3.903+.577	97.6	2
6607	CZ 2454	7.5	45 11.82	+3.7487-.0053	-27 16 48.2	+ 3.929+.534	96.5	2
6608	CPD-31° 5749	8.0	45 21.41	+3.8722-.0064	-31 22 47.3	+ 3.943+.551	98.7	2
6609	CZ 2461	8.0	45 34.35	+3.9995-.0077	-35 16 8.2	+ 3.961+.570	97.6	2
6610	CZ 2463	8.8	45 36.55	+4.0158-.0079	-35 44 31.6	+ 3.964+.572	96.5	2
6611	CZ 2473	8.5	45 44.20	+3.6774-.0047	-24 46 18.4	+ 3.975+.524	96.5	2
6612	CZ 2479	8.2	45 59.60	+3.8631-.0064	-31 6 19.0	+ 3.997+.550	96.6	2
6613	Br 2359	6.4	46 7.98	+3.6030-.0042	-22 2 19.6	+ 4.009+.513	97.6	3
6614	CZ 2482	8.4	46 9.23	+3.9954-.0078	-35 9 44.4	+ 4.011+.569	97.6	2
6615	CZ 2495	7.0	46 15.26	+3.7334-.0053	-26 46 6.1	+ 4.020+.531	99.1	2
6616	CZ 2493	6.2	46 15.99	+3.8136-.0060	-29 29 51.7	+ 4.021+.543	99.1	2
6617	CZ 2484	8.0	46 16.18	+3.9787-.0076	-34 40 28.0	+ 4.021+.566	97.6	2
6618	CZ 2491	7.0	46 16.50	+3.8550-.0064	-30 51 10.8	+ 4.021+.549	99.1	2
6619	CZ 2506	8.0	46 37.72	+4.0735-.0088	-37 23 37.2	+ 4.052+.580	97.5	2
6620	CZ 2514	8.7	46 41.09	+3.7766-.0058	-28 15 54.4	+ 4.056+.537	94.1	4
6621	CZ 2524	8.0	46 51.38	+3.7651-.0057	-27 52 39.5	+ 4.071+.535	98.7	2
6622	CZ 2528	7.5	47 3.77	+4.0379-.0085	-36 24 31.7	+ 4.089+.574	97.6	2
6623	GC 25833	7.0	47 11.77	+3.8940-.0070	-32 6 47.7	+ 4.100+.554	99.1	2
6624	Br 2363	5.8	48 1.54	+3.5873-.0043	-21 28 56.1	+ 4.171+.510	99.1	2
6625	$\nu^1$ Sagittarii	5.0	48 7.95	+3.6241-.0046	-22 52 4.6	+ 4.180+.515	97.6	8
6626	CZ 2585	7.5	48 15.05	+3.6793-.0051	-24 53 32.4	+ 4.191+.523	96.6	2
6627	CZ 2575	8.2	48 16.39	+4.0450-.0088	-36 38 27.8	+ 4.192+.575	97.6	2
6628	CZ 2590	8.6	48 24.22	+3.6777-.0051	-24 50 8.2	+ 4.204+.522	96.6	2
6629	GC 25860	8.0	48 24.46	+3.7391-.0057	-27 0 50.8	+ 4.204+.531	96.6	2
6630	CZ 2595	6.8	48 36.39	+4.0760-.0092	-37 30 43.1	+ 4.221+.579	97.6	2
6631	CZ 2621	8.9	49 3.49	+3.8937-.0073	-32 8 58.2	+ 4.260+.553	96.6	3
6632	$\sigma$ Sagittarii	2.1	49 3.92	+3.7218-.0056	-26 25 15.6	+ 4.260+.528	97.7	16
6633	$\nu^2$ Sagittarii	5.0	49 4.45	+3.6217-.0047	-22 47 47.2	+ 4.261+.514	99.1	2
6634	CZ 2626	6.8	49 5.52	+3.8069-.0064	-29 20 21.4	+ 4.262+.540	99.1	2
6635	CZ 2636	7.8	49 25.77	+3.9333-.0078	-33 23 5.2	+ 4.291+.558	97.7	2
6636	CZ 2644	8.2	49 46.54	+3.9334-.0079	-33 23 47.3	+ 4.321+.558	97.7	2
6637	GC 25887	7.5	49 47.50	+3.8144-.0066	-29 36 15.0	+ 4.322+.541	99.1	2
6638	CZ 2661	8.7	49 53.34	+3.6505-.0051	-23 52 41.6	+ 4.331+.518	96.6	2
6639	L 7916	5.4	49 53.64	+4.0732-.0095	-37 28 15.7	+ 4.331+.578	97.7	2
6640	Pi 225	5.9	49 57.41	+3.6348-.0049	-23 18 3.6	+ 4.336+.516	99.1	2
6641	CZ 2660	7.2	49 59.19	+3.8824-.0074	-31 49 1.1	+ 4.339+.551	97.7	2
6642	CZ 2688	7.3	50 23.40	+3.9349-.0080	-33 27 30.5	+ 4.373+.558	97.6	9
6643	CZ 2692	8.8	50 23.81	+3.8307-.0069	-30 9 22.2	+ 4.374+.543	96.6	2
6644	CZ 2690	8.6	50 24.06	+3.9344-.0080	-33 26 41.6	+ 4.374+.558	97.6	2
6645	CZ 2693	8.6	50 30.84	+3.7480-.0061	-27 22 11.3	+ 4.384+.531	96.6	2
6646	CZ 2695	7.1	50 30.93	+3.6338-.0050	-23 16 27.9	+ 4.384+.515	96.6	2
6647	CZ 2725	8.3	51 13.82	+3.7538-.0062	-27 35 6.2	+ 4.445+.532	96.6	3
6648	CZ 2734	8.0	51 37.56	+3.8852-.0077	-31 56 38.4	+ 4.479+.550	97.6	2
6649	L 7936	8.0	51 41.41	+3.8543-.0074	-30 57 23.2	+ 4.484+.546	99.1	2
6650	$\xi$ Sagittarii	3.6	18 51 45.86	+3.5791-.0047	-21 14 17.2	+ 4.491+.507	99.0	3



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		M	h	m	s	s	s	°	'	"	"	"		
6651	CPD-32° 5672	8.0	18	51	48.07	+3.8966-	.0078	-32	18	24.9	+ 4.494+	.552	99.1	2
6652	CZ 2744	7.5		51	51.89	+3.9630-	.0086	-34	20	51.1	+ 4.499+	.561	97.7	2
6653	CZ 2753	7.2		51	55.96	+3.8606-	.0074	-31	10	2.4	+ 4.505+	.546	97.7	2
6654	CZ 2751	8.4		51	57.12	+3.9184-	.0081	-32	59	37.1	+ 4.507+	.555	97.7	2
6655	eCoronae Aust	4.9		51	58.74	+4.0628-	.0098	-37	14	15.8	+ 4.509+	.575	97.6	8
6656	CZ 2763	7.6		52	11.85	+4.0223-	.0094	-36	5	54.2	+ 4.528+	.569	97.7	2
6657	L 7943	6.9		52	12.63	+3.6802-	.0056	-25	0	35.9	+ 4.529+	.521	96.5	2
6658	GC 25944	6.0		52	23.38	+3.6164-	.0051	-22	39	47.1	+ 4.544+	.511	99.1	2
6659	CZ 2776	8.2		52	42.91	+4.0200-	.0094	-36	2	50.8	+ 4.572+	.568	97.6	2
6660	Lal 35311	8.3		52	52.41	+3.7167-	.0061	-26	19	37.3	+ 4.585+	.525	96.6	3
6661	CZ 2792	8.1		53	7.70	+3.9704-	.0089	-34	36	17.9	+ 4.607+	.561	97.6	2
6662	CZ 2799	8.9		53	10.99	+3.7607-	.0066	-27	52	17.9	+ 4.612+	.531	96.6	2
6663	CZ 2810	8.4		53	26.26	+3.6356-	.0054	-23	24	4.5	+ 4.633+	.514	96.6	2
6664	CZ 2816	8.0		53	35.15	+3.8977-	.0082	-32	23	30.0	+ 4.646+	.551	97.6	2
6665	CZ 2820	8.2		53	43.39	+3.7695-	.0068	-28	11	13.5	+ 4.658+	.532	99.1	2
6666	CPD-33° 5414	8.4		53	46.94	+3.9174-	.0084	-33	0	40.8	+ 4.663+	.553	99.1	2
6667	CZ 2836	8.7		54	1.33	+3.6297-	.0054	-23	11	48.3	+ 4.683+	.512	96.6	3
6668	CZ 2838	8.2		54	11.44	+3.9833-	.0093	-35	1	5.7	+ 4.697+	.562	97.6	2
6669	L 7956	6.8		54	16.60	+3.6808-	.0059	-25	4	52.8	+ 4.705+	.520	99.1	2
6670	CZ 2842	7.3		54	17.81	+4.0590-	.0102	-37	11	55.9	+ 4.706+	.573	97.6	2
6671	CZ 2845	7.0		54	18.90	+4.0590-	.0102	-37	11	59.0	+ 4.708+	.573	97.6	2
6672	GC 25987	8.0		54	27.38	+3.9284-	.0087	-33	22	11.6	+ 4.720+	.554	99.1	2
6673	CPD-34° 8224	8.0		54	50.76	+3.9701-	.0093	-34	38	34.1	+ 4.753+	.560	99.1	2
6674	CZ 2866	7.7		54	54.16	+4.0524-	.0103	-37	1	48.5	+ 4.758+	.572	97.6	2
6675	CZ 2885	9.0		55	1.87	+3.7541-	.0068	-27	41	25.3	+ 4.769+	.529	96.6	2
6676	CZ 2883	8.6		55	2.16	+3.7912-	.0072	-28	57	37.6	+ 4.769+	.535	96.6	2
6677	CZ 2895	7.8		55	20.80	+3.6336-	.0056	-23	22	6.6	+ 4.796+	.512	99.5	2
6678	CZ 2892	8.0		55	22.27	+3.9072-	.0086	-32	44	19.8	+ 4.798+	.551	97.6	2
6679	CZ 2896	7.6		55	29.73	+3.9864-	.0096	-35	8	50.4	+ 4.808+	.562	97.6	2
6680	GC 26022	7.0		55	36.09	+3.6192-	.0055	-22	50	10.9	+ 4.817+	.510	99.1	2
6681	CZ 2903	9.1		55	38.94	+3.8937-	.0085	-32	19	16.5	+ 4.821+	.549	96.6	2
6682	CZ 2917	7.6		55	55.68	+3.9735-	.0095	-34	46	28.4	+ 4.845+	.560	97.7	2
6683	GC 26030	9.0		56	0.11	+4.0234-	.0102	-36	14	23.1	+ 4.851+	.567	97.7	2
6684	CZ 2919	8.0		56	0.69	+4.0234-	.0102	-36	14	21.0	+ 4.852+	.567	97.7	3
6685	ζ Sagittarii	2.7		56	15.03	+3.8221-	.0077	-30	1	23.0	+ 4.872+	.538	97.6	8
6686	Pi 261	5.7		56	20.50	+3.6769-	.0062	-24	59	4.6	+ 4.880+	.518	95.4	4
6687	L 7962	5.7		56	28.09	+4.1001-	.0113	-38	23	52.6	+ 4.891+	.577	96.6	2
6688	CZ 2943	8.0		56	31.58	+3.9110-	.0089	-32	53	20.9	+ 4.896+	.551	97.6	2
6689	CZ 2960	8.0		57	0.89	+3.9815-	.0098	-35	2	43.7	+ 4.937+	.560	97.6	2
6690	CZ 2991	9.0		57	34.57	+3.6851-	.0064	-25	18	41.8	+ 4.985+	.518	96.6	2
6691	L 7976	5.5		57	59.80	+3.8563-	.0085	-31	11	36.5	+ 5.020+	.542	97.6	2
6692	CZ 3005	8.6		58	0.17	+4.0477-	.0109	-36	59	29.6	+ 5.021+	.569	96.6	2
6693	CZ 3012	8.8		58	4.31	+3.6833-	.0065	-25	15	35.6	+ 5.027+	.518	96.6	2
6694	CZ 3022*	7.3		58	12.19	+3.6231-	.0059	-23	2	36.4	+ 5.038+	.509	98.7	2
6695	CZ 3014	8.8		58	14.85	+3.9617-	.0098	-34	29	35.5	+ 5.042+	.557	96.6	2
6696	CPD-31° 5850	8.5		58	15.32	+3.8662-	.0086	-31	31	8.9	+ 5.042+	.543	99.1	2
6697	GC 26096	7.8		58	21.32	+3.5870-	.0055	-21	40	39.9	+ 5.051+	.504	99.1	2
6698	CZ 3032	7.6		58	37.50	+3.6862-	.0067	-25	22	42.6	+ 5.074+	.518	99.1	2
6699	CZ 3036	8.4		58	41.64	+3.6748-	.0065	-24	57	49.8	+ 5.079+	.516	99.1	2
6700	CZ 3040	9.0	18	58	48.45	+3.7507-	.0074	-27	40	5.8	+ 5.089+	.527	96.6	2



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		M	h m s	s s	° ' "	" "		
6701	CPD-35° 8398	8.2	18 58 58.11	+3.9956-.0104	-35 31 15.6	+ 5.103+.561	99.1	2
6702	CZ 3048	7.5	59 5 35	+3.9424-.0097	-33 56 0.8	+ 5.113+.554	97.6	2
6703	CZ 3068	7.5	59 27.68	+3.7958-.0080	-29 13 52.7	+ 5.144+.533	99.1	2
6704	CZ 3074	7.5	59 30.64	+3.6704-.0065	-24 49 31.2	+ 5.148+.515	97.8	4
6705	CZ 3078	8.4	59 32.84	+3.7250-.0072	-26 47 27.5	+ 5.152+.523	96.6	2
6706	$\gamma$ CoronaeAust	4.3	59 39.56	+4.0535-.0114	-37.12 24.6	+ 5.161+.569	97.6	2
6707	CZ 3082	8.3	18 59 42.34	+3.8750-.0090	-31 50 45.4	+ 5.165+.544	99.1	2
6708	CZ 3099	7.6	19 0 5.25	+3.7430-.0074	-27 26 18.7	+ 5.197+.525	97.8	4
6709	CZ 3093	7.2	0 6.65	+4.0797-.0118	-37 57 10.2	+ 5.199+.572	96.6	2
6710	$\tau$ Sagittarii	3.4	0 41.88	+3.7534-.0077	-27 49 0.1	+ 5.249+.526	97.6	8
6711	GC 26154	7.0	0 57.40	+3.6110-.0061	-22 39 2.0	+ 5.271+.506	99.1	2
6712	CZ 3142	8.0	1 0.01	+3.6751-.0068	-25 2 10.8	+ 5.274+.515	96.6	2
6713	Pi 293	6.8	1 13.11	+3.7813-.0081	-28 47 28.4	+ 5.293+.530	99.1	2
6714	CZ 3155	8.8	1 14.34	+3.6851-.0069	-25 24 19.0	+ 5.294+.516	95.0	3
6715	$\delta$ CoronaeAust	4.7	1 23.34	+4.1796-.0136	-40 39 6.2	+ 5.308+.585	97.6	8
6716	CPD-31° 5890	8.2	1 25.79	+3.8566-.0091	-31 18 15.0	+ 5.311+.540	98.7	2
6717	CPD-34° 8291	8.1	1 27.00	+3.9630-.0105	-34 37 52.4	+ 5.312+.555	99.5	2
6718	CZ 7	8.6	1 44.71	+3.7153-.0074	-26 30 14.8	+ 5.337+.520	96.6	2
6719	CZ 9	7.4	1 45.05	+3.6972-.0072	-25 51 27.4	+ 5.338+.517	99.1	2
6720	CZ 15	7.0	1 55.54	+3.7289-.0076	-26 59 26.3	+ 5.352+.522	99.5	2
6721	CZ 20	8.5	1 58.34	+3.7290-.0076	-26 59 51.9	+ 5.356+.522	99.5	2
6722	CZ 23*	8.4	2 6.77	+3.8505-.0091	-31 7 40.1	+ 5.368+.538	96.6	2
6723	CZ 27	6.8	2 8.03	+3.6682-.0069	-24 48 48.3	+ 5.370+.513	99.5	2
6724	CZ 26*	8.4	2 11.16	+3.9397-.0103	-33 56 54.3	+ 5.374+.551	97.6	2
6725	CPD-31° 5900	9.2	2 11.36	+3.8611-.0092	-31 28 18.2	+ 5.375+.540	99.1	2
6726	CZ 40	7.7	2 38.00	+3.7832-.0083	-28 53 47.3	+ 5.412+.529	96.6	3
6727	CZ 44	7.0	2 39.21	+3.6794-.0071	-25 14 12.3	+ 5.414+.514	96.6	2
6728	$\alpha$ CoronaeAust	4.1	2 40.20	+4.0805-.0124	-38 3 36.8	+ 5.415+.570	97.6	8
6729	CZ 48	7.6	2 41.92	+3.6283-.0065	-23 20 51.2	+ 5.418+.507	96.6	2
6730	CZ 45	8.2	2 44.45	+3.8395-.0091	-30 47 2.4	+ 5.421+.536	99.1	2
6731	CZ 43	8.0	2 45.95	+3.9621-.0107	-34 38 51.7	+ 5.423+.554	97.7	2
6732	CZ 53	6.8	2 55.12	+4.0187-.0115	-36 19 23.2	+ 5.436+.562	97.7	2
6733	CZ 66	8.8	3 8.51	+3.6801-.0071	-25 16 27.3	+ 5.455+.514	96.6	2
6734	$\beta$ CoronaeAust	4.2	3 9.08	+4.1331-.0133	-39 29 58.8	+ 5.456+.577	97.6	8
6735	CZ 85	7.5	3 30.73	+3.7356-.0079	-27 16 24.4	+ 5.486+.521	98.7	2
6736	CZ 89	8.0	3 32.21	+3.6278-.0066	-23 21 1.3	+ 5.488+.506	96.6	2
6737	GC 26219	8.7	3 37.42	+3.7193-.0077	-26 42 4.6	+ 5.495+.519	96.6	2
6738	CZ 110	7.8	4 5.54	+3.8196-.0090	-30 10 0.2	+ 5.535+.533	98.7	2
6739	GC 26233	8.6	4 5.99	+3.7163-.0077	-26 36 19.9	+ 5.535+.518	96.6	2
6740	CZ 118	9.1	4 14.32	+3.6245-.0066	-23 14 38.7	+ 5.547+.505	96.6	2
6741	CZ 120	8.0	4 21.76	+3.8134-.0090	-29 58 22.2	+ 5.558+.532	96.6	2
6742	CZ 122	7.5	4 25.68	+3.8743-.0098	-31 58 11.3	+ 5.563+.540	97.7	2
6743	CZ 131	8.5	4 38.22	+3.7625-.0084	-28 14 49.7	+ 5.581+.524	96.7	3
6744	CZ 135	7.9	4 47.04	+3.9739-.0113	-35 4 2.1	+ 5.593+.554	97.6	2
6745	CZ 138	8.4	4 47.18	+3.7008-.0076	-26 4 24.0	+ 5.593+.516	96.6	2
6746	CZ 141	9.0	4 52.73	+3.6980-.0076	-25 58 18.7	+ 5.601+.515	96.7	2
6747	CZ 146	7.6	4 54.77	+3.6535-.0071	-24 20 50.8	+ 5.604+.509	96.7	3
6748	CZ 147	6.7	4 58.74	+3.8037-.0090	-29 39 54.6	+ 5.609+.530	98.7	2
6749	GC 26259	8.6	5 14.48	+3.9227-.0106	-33 31 29.6	+ 5.631+.546	98.7	2
6750	CZ 166	8.0	19 5 34.02	+3.8991-.0104	-32 47 46.2	+ 5.659+.543	97.6	2

6722 9M2 8" 210°

6724 9Mo 12" 260°



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
6751	CPD-33° 5517	8.1	19	5	54.69	+3.9125-	.0106	-33	13	44.2	+ 5.688+	.544	98.7	2
6752	CZ 187	8.4		6	0.40	+3.6409-	.0071	-23	54	19.9	+ 5.696+	.506	96.6	2
6753	CZ 190	8.8		6	5.76	+3.7630-	.0086	-28	18	26.5	+ 5.703+	.523	94.9	3
6754	CZ 189	7.4		6	10.30	+3.9376-	.0110	-34	0	58.6	+ 5.710+	.548	97.6	2
6755	CZ 191	7.2		6	10.95	+3.9375-	.0110	-34	0	45.1	+ 5.710+	.548	97.6	2
6756	CZ 208	9.0		6	21.06	+3.6560-	.0073	-24	28	45.4	+ 5.725+	.508	96.6	2
6757	Pi 4	7.5		6	29.55	+3.5856-	.0065	-21	49	26.8	+ 5.736+	.498	99.1	2
6758	CZ 231	9.4		6	47.70	+3.7579-	.0086	-28	9	8.4	+ 5.762+	.522	96.6	2, 1
6759	CZ 228	9.0		6	48.79	+3.8449-	.0098	-31	5	40.1	+ 5.763+	.534	96.6	2
6760	CZ 232	9.0		6	50.24	+3.8449-	.0098	-31	5	33.9	+ 5.765+	.534	96.6	2
6761	A 15137	8.8		6	53.09	+3.6153-	.0069	-22	57	56.8	+ 5.769+	.502	96.7	3
6762	CZ 240	8.2		7	3.73	+3.6982-	.0079	-26	2	37.3	+ 5.784+	.514	98.7	2
6763	Pi 7	5.9		7	4.16	+3.6991-	.0079	-26	4	27.9	+ 5.785+	.514	98.7	3
6764	CZ 253	8.7		7	25.62	+3.7405-	.0085	-27	33	47.5	+ 5.815+	.519	96.6	2
6765	GC 26318	7.3		7	38.33	+3.6087-	.0069	-22	44	5.6	+ 5.832+	.501	99.1	2
6766	CZ 269	7.8		7	44.29	+3.7256-	.0084	-27	2	35.6	+ 5.841+	.517	99.1	2
6767	CZ 275	8.1		7	59.20	+3.9314-	.0113	-33	53	16.1	+ 5.861+	.545	97.6	2
6768	A 15157	7.5		8	9.54	+3.5951-	.0068	-22	13	50.1	+ 5.876+	.498	99.1	2
6769	L 8040	7.0		8	15.68	+3.8106-	.0096	-30	0	7.9	+ 5.885+	.528	99.1	2
6770	CZ 294	8.5		8	16.00	+3.7394-	.0086	-27	32	59.0	+ 5.885+	.518	96.6	1
6771	CZ 300	7.1		8	20.98	+3.7930-	.0094	-29	24	47.6	+ 5.892+	.526	99.1	2
6772	GC 26343	9.0		8	26.06	+3.7376-	.0086	-27	29	26.8	+ 5.899+	.518	96.6	2
6773	GC 26344	8.6		8	26.17	+3.7376-	.0086	-27	29	29.8	+ 5.899+	.518	96.6	4
6774	CZ 311	8.2		8	41.90	+3.9376-	.0115	-34	6	24.4	+ 5.921+	.546	97.7	2
6775	CPD-35° 8492	8.2		8	42.04	+3.9664-	.0120	-34	58	52.2	+ 5.921+	.550	99.1	2
6776	CZ 313	7.8		8	42.64	+3.9492-	.0117	-34	27	32.7	+ 5.922+	.547	97.6	2
6777	CZ 320	8.4		8	45.17	+3.7631-	.0090	-28	23	40.3	+ 5.926+	.521	96.6	2
6778	CZ 318	7.8		8	52.06	+4.0392-	.0131	-37	7	14.1	+ 5.935+	.560	99.5	2
6779	CZ 322	8.1		8	59.60	+3.8821-	.0107	-32	22	27.6	+ 5.946+	.538	99.1	2
6780	CZ 328	8.9		9	10.92	+3.9480-	.0118	-34	26	32.8	+ 5.961+	.547	96.6	2
6781	CZ 332	8.9		9	11.93	+3.7993-	.0096	-29	39	0.5	+ 5.963+	.526	96.7	2
6782	L 8045	7.2		9	14.84	+3.9239-	.0114	-33	42	12.8	+ 5.967+	.544	97.6	8
6783	CZ 334	8.9		9	17.65	+3.9256-	.0114	-33	45	13.3	+ 5.971+	.544	99.1	2
6784	ψ Sagittarii	4.9		9	24.54	+3.6794-	.0080	-25	25	44.6	+ 5.980+	.509	97.6	9
6785	CZ 340	9.2		9	25.34	+3.7520-	.0090	-28	1	45.6	+ 5.982+	.519	96.7	2
6786	CZ 344	7.0		9	27.69	+3.6501-	.0076	-24	20	59.0	+ 5.985+	.505	99.1	2
6787	L 8053	7.2		9	51.09	+3.8279-	.0101	-30	38	2.5	+ 6.017+	.530	98.7	2
6788	CZ 360	7.8		9	55.30	+3.9322-	.0117	-33	59	4.4	+ 6.023+	.544	97.7	2
6789	CZ 365*	10.0	10	0	0.90	+3.9229-	.0115	-33	41	51.4	+ 6.031+	.543	99.4	2
6790	L 8055	7.2	10	2	7.6	+3.6901-	.0082	-25	50	25.8	+ 6.034+	.510	98.7	2
6791	CZ 378	7.2	10	14	21	+3.8710-	.0108	-32	3	36.2	+ 6.049+	.536	97.7	2
6792	CZ 396	8.4	10	31	67	+3.7744-	.0094	-28	50	34.2	+ 6.073+	.522	96.6	2
6793	Pi 32	7.7	11	18	50	+3.5676-	.0068	-21	14	56.8	+ 6.139+	.492	98.7	2
6794	CZ 417	8.3	11	20	96	+3.9538-	.0122	-34	41	51.1	+ 6.142+	.546	97.6	4
6795	CZ 431	8.8	11	31	13	+3.6864-	.0084	-25	45	11.2	+ 6.156+	.509	96.6	3
6796	CZ 439	8.2	11	50	77	+4.1294-	.0153	-39	43	31.2	+ 6.184+	.570	96.6	2
6797	CZ 445	7.5	11	51	14	+3.9090-	.0116	-33	19	52.3	+ 6.184+	.539	97.6	2
6798	CZ 461	7.0	12	19	47	+3.9426-	.0123	-34	23	35.3	+ 6.223+	.544	96.6	2
6799	CZ 470	7.2	12	28	57	+3.9122-	.0118	-33	27	19.7	+ 6.236+	.539	96.6	3
6800	CZ 478	8.5	19	12	32.62	+3.6994-	.0087	-26	15	17.3	+ 6.242+	.510	96.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
6801	GC 26427	7.7	19 12 35.95	+3.9084-.0118	-33 20 23.3	+ 6.246+.539	98.7	2
6802	CZ 476	7.4	12 40.26	+4.0324-.0138	-37 4 29.8	+ 6.252+.556	97.5	5
6803	CZ 483	8.3	12 40.62	+3.6400-.0079	-24 3 56.5	+ 6.253+.501	96.7	2
6804	CZ 482	7.8	12 48.96	+4.0240-.0137	-36 50 14.3	+ 6.264+.555	97.6	2
6805	L 8067	5.6	13 2.40	+3.9817-.0131	-35 36 12.0	+ 6.283+.548	99.1	4
6806	CZ 514	8.0	13 33.17	+4.0084-.0136	-36 24 39.2	+ 6.326+.553	97.6	2
6807	CZ 523	8.0	13 40.73	+3.9168-.0121	-33 38 42.9	+ 6.336+.539	97.6	2
6808	CZ 542	8.8	13 56.74	+3.7085-.0090	-26 38 0.6	+ 6.358+.510	96.6	2
6809	CZ 541	7.5	14 0.31	+3.8650-.0114	-32 0 7.3	+ 6.363+.531	97.6	2
6810	CZ 556	8.5	14 23.80	+3.9029-.0120	-33 14 1.7	+ 6.396+.536	96.6	2
6811	CZ 558	9.3	14 24.67	+3.9029-.0120	-33 14 9.1	+ 6.397+.536	96.6	1
6812	CPD-22° 7424	8.6	14 27.99	+3.5859-.0074	-22 3 0.9	+ 6.401+.492	98.7	2
6813	CZ 568	7.5	14 36.78	+3.6470-.0082	-24 23 29.7	+ 6.414+.501	96.4	3
6814	Pi 61	5.6	14 38.61	+3.5996-.0076	-22 35 18.7	+ 6.416+.494	98.7	2
6815	CZ 580	8.0	14 50.21	+3.6826-.0088	-25 43 3.3	+ 6.432+.506	96.6	2
6816	CZ 578	7.2	14 53.24	+3.9648-.0131	-35 10 2.8	+ 6.436+.545	97.6	2
6817	L 8081	7.0	15 19.22	+3.7971-.0105	-29 47 31.5	+ 6.472+.521	98.7	2
6818	GC 26496	7.0	15 34.79	+3.6992-.0091	-26 21 9.8	+ 6.494+.507	99.1	2
6819	CZ 611	7.2	15 44.01	+3.7943-.0105	-29 42 39.1	+ 6.506+.520	98.7	2
6820	GC 26501	8.4	15 44.80	+3.6994-.0091	-26 21 53.3	+ 6.507+.507	99.1	2
6821	CZ 615	9.0	15 47.67	+3.6870-.0090	-25 54 40.8	+ 6.511+.505	91.6	1
6822	CZ 625	7.5	15 59.67	+3.8664-.0117	-32 7 30.9	+ 6.528+.530	97.6	2
6823	CZ 636	8.0	16 20.05	+3.8835-.0120	-32 41 33.4	+ 6.556+.532	97.7	2
6824	CZ 637	8.0	16 23.26	+3.8961-.0123	-33 5 48.8	+ 6.560+.534	97.7	2
6825	$\alpha$ Sagittarii	4.1	16 57.56	+4.1623-.0171	-40 48 14.5	+ 6.608+.570	97.6	8
6826	CZ 672	8.8	17 2.21	+4.0330-.0148	-37 16 2.7	+ 6.614+.552	96.6	2
6827	L 8090	7.3	17 14.60	+3.9613-.0135	-35 9 31.3	+ 6.631+.542	97.6	8
6828	CZ 695	8.2	17 19.78	+3.6452-.0086	-24 24 34.8	+ 6.638+.498	96.6	2
6829	CZ 692	8.4	17 23.60	+3.9936-.0141	-36 7 58.6	+ 6.643+.546	97.7	2
6830	CZ 699	8.1	17 30.62	+3.9149-.0128	-33 44 4.9	+ 6.653+.536	97.7	2
6831	CPD-25° 6791	9.5	17 51.82	+3.6671-.0090	-25 14 54.6	+ 6.682+.501	91.6	2
6832	CZ 728	7.5	18 11.69	+3.8294-.0115	-30 59 35.5	+ 6.710+.523	97.7	2
6833	Pi 84	5.9	18 16.16	+3.7442-.0102	-28 3 33.6	+ 6.716+.511	98.7	2
6834	CZ 744	8.2	18 32.35	+3.6167-.0084	-23 22 3.4	+ 6.738+.494	96.6	2
6835	CPD-32° 5917	8.2	18 40.02	+3.8726-.0123	-32 25 54.7	+ 6.749+.529	99.1	2
6836	CZ 751	6.0	18 46.18	+3.7849-.0109	-29 30 10.2	+ 6.757+.517	98.7	1
6837	CZ 763	9.3	18 59.82	+3.6876-.0094	-26 2 38.8	+ 6.776+.503	94.1	4
6838	CZ 758	9.1	19 4.11	+3.9367-.0135	-34 28 44.5	+ 6.782+.537	96.6	3, 2
6839	Br 2445	5.0	19 11.41	+3.6513-.0089	-24 42 9.5	+ 6.792+.498	97.6	8
6840	CZ 773	9.0	19 15.49	+3.9404-.0136	-34 36 7.2	+ 6.797+.538	96.6	2
6841	CZ 779	8.1	19 17.84	+3.6487-.0089	-24 36 27.7	+ 6.800+.497	99.1	2
6842	Br 2446	5.6	19 26.52	+3.6367-.0087	-24 9 30.3	+ 6.812+.496	97.6	2
6843	GC 26605	7.4	19 43.79	+3.5970-.0082	-22 38 47.7	+ 6.836+.490	99.1	2
6844	Br 2448	5.6	20 21.34	+3.5793-.0080	-21 58 28.0	+ 6.887+.487	99.1	2
6845	GC 26617	7.5	20 31.46	+3.5657-.0079	-21 26 37.4	+ 6.901+.485	99.1	2
6846	Pi 102	5.7	20 37.35	+3.7956-.0114	-29 56 27.3	+ 6.909+.517	97.6	8
6847	CZ 839	8.0	20 56.96	+3.8308-.0120	-31 9 0.9	+ 6.936+.521	97.6	2
6848	CZ 885	9.1	22 3.36	+3.7584-.0110	-28 42 23.9	+ 7.027+.510	96.6	2
6849	CZ 883	8.0	22 3.93	+3.8426-.0124	-31 35 13.2	+ 7.028+.522	97.7	2
6850	CZ 884	7.8	19 22 8.76	+3.9891-.0150	-36 12 13.1	+ 7.034+.541	97.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	" "	" "	" "		
6851	CZ 901	8.2	19 22 24.03	+3.9820-.0149	-36 0 9.6	+ 7.055+.540	97.6	2
6852	CZ 910	7.2	22 37.26	+3.7711-.0113	-29 10 24.9	+ 7.073+.511	96.6	2
6853	CZ 913*	8.9	22 40.54	+3.6816-.0098	-25 57 21.3	+ 7.078+.499	96.6	1
6854	CZ 914	8.8	22 41.19	+3.6855-.0099	-26 6 7.3	+ 7.079+.500	96.6	1
6855	CZ 923	7.8	23 2.63	+3.9574-.0146	-35 17 18.4	+ 7.108+.536	97.7	2
6856	CZ 943	8.0	23 18.78	+3.8233-.0123	-30 59 43.9	+ 7.130+.518	94.7	4
6857	Pi 126	5.5	23 41.06	+3.7142-.0105	-27 11 25.4	+ 7.160+.503	97.6	8
6858	GC 26683	8.7	23 41.50	+3.7142-.0105	-27 11 32.0	+ 7.161+.503	97.7	2
6859	CZ 959	8.6	23 42.87	+3.7898-.0118	-29 52 12.7	+ 7.163+.513	96.6	2
6860	GC 26692	8.0	23 47.24	+3.5656-.0082	-21 32 37.9	+ 7.169+.482	98.7	2
6861	CZ 963	6.2	23 48.47	+3.8618-.0130	-32 17 47.9	+ 7.170+.523	97.7	2
6862	CZ 975	8.2	23 57.95	+3.9183-.0141	-34 7 6.9	+ 7.183+.530	97.7	2
6863	CZ 982	8.8	24 5.28	+3.6738-.0099	-25 43 21.1	+ 7.193+.497	96.6	2
6864	CZ 991	7.6	24 29.79	+3.8796-.0134	-32 54 19.5	+ 7.227+.524	97.7	2
6865	CZ 1000	9.2	24 43.44	+3.7360-.0110	-28 1 2.0	+ 7.245+.504	96.6	2
6866	CZ 1011	7.5	24 51.91	+3.6318-.0094	-24 9 35.4	+ 7.257+.490	96.6	2
6867	Pi 138	6.0	24 57.92	+3.5640-.0084	-21 31 11.9	+ 7.265+.481	98.7	2
6868	CZ 1027	7.7	25 9.31	+3.6788-.0101	-25 56 41.2	+ 7.280+.496	96.7	3
6869	CZ 1019	8.4	25 10.08	+3.9833-.0155	-36 10 5.9	+ 7.281+.538	97.6	2
6870	CZ 1035	9.0	25 22.21	+3.7795-.0118	-29 34 57.2	+ 7.298+.510	96.6	2
6871	Yarn 8528	8.2	25 40.96	+3.6089-.0091	-23 18 28.2	+ 7.323+.486	96.6	3
6872	CZ 1048	8.0	25 49.08	+3.7461-.0113	-28 25 22.3	+ 7.334+.505	99.1	2
6873	CZ 1049	8.2	25 53.10	+3.8287-.0128	-31 17 10.7	+ 7.340+.516	99.1	2
6874	CZ 1055	8.6	25 56.73	+3.6210-.0093	-23 47 10.9	+ 7.345+.488	96.6	2
6875	CZ 1054	8.5	25 59.48	+3.7504-.0115	-28 35 6.7	+ 7.348+.506	96.6	2
6876	CZ 1058	6.8	26 6.70	+3.8223-.0127	-31 4 48.5	+ 7.358+.515	97.6	2
6877	GC 26754	7.8	26 19.22	+3.5680-.0086	-21 43 42.0	+ 7.375+.480	98.7	2
6878	L 8139	7.6	26 26.34	+3.7395-.0113	-28 12 36.4	+ 7.385+.504	94.2	6
6879	CZ 1081	8.2	26 41.64	+3.6657-.0102	-25 31 0.9	+ 7.406+.493	96.6	2
6880	CZ 1077	7.0	26 43.04	+3.8066-.0126	-30 34 30.8	+ 7.407+.513	98.7	2
6881	CZ 1084	8.0	26 45.10	+3.6851-.0105	-26 14 27.0	+ 7.410+.496	99.1	2
6882	CZ 1089	9.0	26 51.97	+3.7146-.0110	-27 19 48.4	+ 7.420+.500	91.8	1
6883	CZ 1095	6.5	27 10.61	+3.9230-.0148	-34 24 39.9	+ 7.445+.528	97.6	2
6884	CZ 1106	9.0	27 30.61	+3.8896-.0142	-33 21 49.8	+ 7.472+.523	96.6	2
6885	CZ 1123	8.7	27 46.06	+3.7148-.0111	-27 22 39.3	+ 7.493+.499	96.6	2
6886	CZ 1126	9.0	27 50.42	+3.6374-.0098	-24 29 15.5	+ 7.499+.488	96.6	2
6887	CZ 1142	8.0	28 24.19	+3.8774-.0141	-33 0 30.0	+ 7.544+.520	97.6	2
6888	Pi 159	6.8	28 31.79	+3.6260-.0098	-24 4 30.3	+ 7.555+.486	98.7	3
6889	CZ 1161	7.8	28 41.84	+3.8410-.0135	-31 49 31.3	+ 7.568+.515	97.6	2
6890	CZ 1178	8.5	29 4.87	+3.6586-.0103	-25 20 37.1	+ 7.599+.490	96.6	3
6891	CZ 1179	8.8	29 10.69	+3.8860-.0144	-33 19 34.3	+ 7.607+.521	96.6	2
6892	CZ 1183	7.8	29 17.35	+3.8771-.0143	-33 2 29.5	+ 7.616+.520	97.6	2
6893	CZ 1181	8.2	29 17.36	+4.0054-.0168	-37 1 27.0	+ 7.616+.537	98.7	2
6894	CZ 1187	9.0	29 20.78	+3.7260-.0115	-27 50 56.3	+ 7.621+.499	96.6	2
6895	GC 26821	7.6	29 38.06	+3.6108-.0096	-23 31 41.5	+ 7.644+.483	96.6	2
6896	GC 26822	6.9	29 40.80	+3.5470-.0086	-20 59 47.4	+ 7.648+.475	98.7	2
6897	CZ 1203	8.0	29 48.25	+3.7544-.0121	-28 53 16.5	+ 7.658+.503	96.7	2
6898	Br 2475	5.7	29 57.41	+3.6470-.0103	-24 56 17.7	+ 7.670+.488	97.6	3
6899	CZ 1219	7.4	30 9.58	+3.8718-.0143	-32 54 41.8	+ 7.686+.518	96.7	2
6900	CZ 1228	9.2	19 30 22.10	+3.8714-.0143	-32 54 18.4	+ 7.703+.518	96.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
6901	CZ 1232	8.8	19 30 23.51	+3.6892-.0110	-26 32 30.2	+ 7.705+.493	96.6	2
6902	Br 2478	4.7	30 37.36	+3.6507-.0104	-25 6 15.5	+ 7.724+.488	97.6	8
6903	CZ 1241	8.1	30 42.47	+3.9209-.0153	-34 30 48.3	+ 7.731+.524	98.7	2
6904	CZ 1251	8.6	30 53.02	+3.9511-.0161	-35 27 47.1	+ 7.745+.529	97.6	2
6905	CZ 1281	8.0	31 32.36	+3.7987-.0132	-30 31 6.5	+ 7.798+.507	96.6	2
6906	CZ 1280	7.0	31 33.28	+3.8766-.0147	-33 8 8.5	+ 7.799+.517	97.7	2
6907	CZ 1287	8.7	31 38.90	+3.6709-.0109	-25 54 35.3	+ 7.807+.489	96.6	2
6908	CZ 1297	7.5	32 2.06	+3.9270-.0158	-34 46 13.5	+ 7.838+.523	97.6	2
6909	CZ 1314	8.0	32 20.47	+3.7534-.0125	-28 57 57.1	+ 7.862+.500	96.6	2
6910	CZ 1324	9.0	32 23.48	+3.6689-.0110	-25 51 53.8	+ 7.866+.488	96.6	2
6911	CZ 1325	8.6	32 29.63	+3.8303-.0139	-31 38 25.7	+ 7.875+.510	98.7	2
6912	CZ 1337	7.0	32 41.74	+3.7493-.0124	-28 49 58.9	+ 7.891+.499	98.7	2
6913	CZ 1358	8.2	33 11.31	+3.8609-.0147	-32 41 57.5	+ 7.931+.513	96.6	2
6914	CZ 1372	9.0	33 24.49	+3.6393-.0106	-24 46 44.0	+ 7.948+.483	96.7	2
6915	Br 2486	6.2	33 48.93	+3.6099-.0101	-23 39 18.2	+ 7.981+.479	97.5	5
6916	Yarn 8614	7.8	33 58.61	+3.5753-.0096	-22 17 26.6	+ 7.994+.474	99.1	2
6917	CZ 1397	8.4	34 6.44	+3.6456-.0108	-25 3 4.3	+ 8.004+.484	94.2	2
6918	Br 2488	6.0	34 6.49	+3.6097-.0102	-23 39 28.1	+ 8.004+.479	97.6	8
6919	GC 26928	8.1	34 21.77	+3.6070-.0101	-23 33 37.8	+ 8.025+.478	98.7	2
6920	CZ 1406	8.2	34 33.29	+3.9810-.0174	-36 33 44.6	+ 8.040+.528	97.6	2
6921	CZ 1428	8.0	35 10.40	+3.9984-.0179	-37 7 9.2	+ 8.090+.530	97.7	2
6922	CZ 1443	7.1	35 34.92	+3.9892-.0178	-36 51 52.5	+ 8.123+.528	97.6	2
6923	CZ 1450	8.4	35 36.20	+3.7525-.0130	-29 5 3.2	+ 8.124+.497	96.6	2
6924	L 8191	7.7	36 14.80	+4.0152-.0185	-37 40 26.6	+ 8.176+.531	97.6	8
6925	CZ 1479	7.4	36 18.61	+3.6442-.0110	-25 5 33.5	+ 8.181+.481	98.7	2
6926	CZ 1478	8.2	36 23.84	+3.9664-.0175	-36 12 58.3	+ 8.188+.524	97.7	2
6927	CZ 1490	8.9	36 32.22	+3.6656-.0115	-25 55 3.8	+ 8.199+.484	96.6	2
6928	CZ 1493	8.0	36 34.48	+3.6315-.0108	-24 36 46.4	+ 8.202+.479	96.6	2
6929	CZ 1504	7.0	36 53.65	+3.8914-.0160	-33 52 53.2	+ 8.227+.514	97.7	2
6930	CZ 1505	6.8	36 56.76	+4.0174-.0187	-37 46 28.9	+ 8.232+.530	96.6	2
6931	CZ 1520	8.4	37 18.02	+3.9411-.0171	-35 29 0.7	+ 8.260+.520	98.7	2
6932	CZ 1529	8.8	37 22.28	+3.6112-.0106	-23 51 7.2	+ 8.265+.476	96.6	2
6933	CZ 1523	8.4	37 24.73	+3.9229-.0167	-34 55 8.7	+ 8.269+.517	97.7	2
6934	CZ 1547	8.8	37 46.21	+3.6441-.0112	-25 9 0.5	+ 8.297+.480	96.6	2
6935	CZ 1552	8.8	37 51.54	+3.6869-.0120	-26 47 0.6	+ 8.304+.486	96.6	2
6936	CZ 1560	9.3	38 11.47	+3.6972-.0123	-27 10 55.9	+ 8.331+.487	96.7	2
6937	CZ 1562	9.0	38 14.28	+3.6971-.0123	-27 11 0.9	+ 8.334+.487	96.7	2
6938	CZ 1576	7.8	38 33.90	+3.5908-.0104	-23 5 39.5	+ 8.360+.472	98.7	2
6939	CZ 1574	9.0	38 37.66	+3.7740-.0138	-29 59 42.1	+ 8.365+.496	96.6	2
6940	CZ 1581	7.6	38 43.23	+3.8326-.0150	-32 1 37.8	+ 8.373+.504	97.6	2
6941	CZ 1591	9.0	38 58.03	+3.6874-.0122	-26 51 0.4	+ 8.392+.484	96.6	3
6942	L 8208	6.8	39 4.40	+3.8062-.0146	-31 8 34.2	+ 8.401+.500	97.6	8
6943	CZ 1594	8.4	39 4.65	+3.7083-.0126	-27 38 11.8	+ 8.401+.487	93.4	3
6944	CZ 1608	9.0	39 28.46	+3.7400-.0133	-28 49 12.2	+ 8.433+.491	96.6	2
6945	L 8211	5.6	39 38.46	+3.8348-.0152	-32 8 58.8	+ 8.446+.503	97.6	8
6946	CZ 1632	7.9	40 12.74	+3.8347-.0154	-32 10 41.3	+ 8.491+.503	97.7	2
6947	CZ 1642	8.4	40 22.95	+3.6961-.0126	-27 14 40.5	+ 8.505+.484	96.6	2
6948	A 15666	7.6	40 34.93	+3.5559-.0100	-21 45 56.9	+ 8.521+.465	98.7	2
6949	CZ 1666	7.7	40 52.70	+3.6819-.0124	-26 44 0.6	+ 8.544+.482	96.6	3
6950	CZ 1663	7.0	19 40 55.78	+3.9327-.0176	-35 25 12.3	+ 8.548+.515	97.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
6951	CZ 1678	8.2	19 41 6.79	+3.6104-.0110	-23 58 44.3	+ 8.563+.472	96.6	2
6952	CZ 1681	8.6	41 11.04	+3.6014-.0109	-23 37 31.8	+ 8.568+.471	96.6	2
6953	GC 27097	7.3	41 35.42	+3.7348-.0135	-28 44 12.1	+ 8.600+.488	98.7	2
6954	CZ 1702	8.0	41 37.18	+3.7533-.0139	-29 24 21.2	+ 8.603+.490	99.1	2
6955	Lal 37550	8.2	41 41.70	+3.7141-.0131	-27 58 38.7	+ 8.609+.485	99.1	2
6956	CZ 1717	8.8	42 1.54	+3.6649-.0122	-26 8 37.3	+ 8.635+.478	96.6	2
6957	GC 27105	7.0	42 6.37	+3.5407-.0099	-21 12 14.2	+ 8.641+.462	99.1	2
6958	CZ 1730	8.6	42 17.47	+3.6962-.0128	-27 20 25.1	+ 8.656+.482	96.6	2
6959	CZ 1746	8.4	42 50.13	+3.8614-.0164	-33 13 3.1	+ 8.699+.503	97.6	2
6960	CZ 1751	6.5	42 57.16	+3.7412-.0138	-29 2 5.4	+ 8.708+.487	94.6	5
6961	CZ 1759	7.8	43 18.67	+3.8545-.0163	-33 0 41.2	+ 8.736+.502	97.6	2
6962	CZ 1763	8.4	43 24.52	+3.7820-.0148	-30 31 22.4	+ 8.744+.492	96.6	2
6963	CZ 1789	7.8	44 10.66	+3.7983-.0152	-31 8 8.4	+ 8.804+.494	98.7	2
6964	Cape 3903	7.2	44 14.10	+3.6837-.0128	-26 58 2.1	+ 8.809+.478	96.6	2
6965	CZ 1796	8.0	44 18.38	+3.5832-.0109	-23 1 52.8	+ 8.814+.465	97.8	4
6966	CZ 1797	8.4	44 21.11	+3.6987-.0132	-27 32 14.4	+ 8.818+.480	96.6	2
6967	CZ 1794	8.1	44 21.34	+3.8483-.0164	-32 51 45.1	+ 8.818+.500	97.7	2
6968	CZ 1798	8.0	44 26.34	+3.7991-.0153	-31 10 46.9	+ 8.825+.493	97.7	2
6969	CZ 1811	8.5	44 45.57	+3.9304-.0183	-35 33 47.6	+ 8.850+.510	97.6	2
6970	CZ 1824	7.4	45 0.45	+3.7028-.0134	-27 43 29.4	+ 8.869+.480	99.1	2
6971	CZ 1842	8.1	45 31.72	+3.6918-.0132	-27 20 10.3	+ 8.910+.478	98.0	3
6972	CZ 1871	8.5	46 18.95	+3.8498-.0167	-33 1 14.4	+ 8.972+.498	97.7	2
6973	CZ 1872	8.0	46 22.09	+3.8410-.0165	-32 43 39.2	+ 8.976+.497	97.7	2
6974	CZ 1873	7.1	46 22.48	+3.8264-.0162	-32 13 58.6	+ 8.976+.495	98.4	4
6975	GC 27210	7.8	46 51.95	+3.5898-.0113	-23 24 44.5	+ 9.015+.464	96.6	2
6976	CZ 1902	7.7	47 4.11	+3.6476-.0125	-25 43 4.1	+ 9.031+.471	93.4	3
6977	CZ 1914	8.2	47 35.22	+3.9467-.0193	-36 14 41.7	+ 9.071+.509	97.7	2
6978	CZ 1932	9.2	47 51.48	+3.6996-.0137	-27 44 58.2	+ 9.092+.477	96.6	2
6979	CZ 1941	8.0	48 3.01	+3.6784-.0133	-26 57 18.1	+ 9.107+.474	96.6	2
6980	L 8262	6.0	48 18.49	+3.6074-.0119	-24 11 21.8	+ 9.127+.464	98.7	2
6981	CZ 1954	7.8	48 28.09	+3.9520-.0196	-36 27 45.5	+ 9.140+.509	97.6	2
6982	L 8260	6.5	48 40.66	+3.8542-.0173	-33 18 27.7	+ 9.156+.496	97.6	2
6983	CZ 1985	8.5	49 16.95	+3.7408-.0148	-29 21 32.3	+ 9.203+.481	95.0	3
6984	ω Sagittarii	4.8	49 42.91	+3.6660-.0132	-26 33 53.1	+ 9.237+.470	98.7	2
6985	CZ 2012	8.4	49 56.72	+3.8101-.0165	-31 52 22.0	+ 9.255+.489	96.6	2
6986	CPD-37° 8625	8.4	50 7.56	+3.9781-.0206	-37 22 14.3	+ 9.269+.510	99.1	2
6987	CZ 2019	8.9	50 11.26	+3.6758-.0135	-26 58 7.1	+ 9.274+.471	96.6	2
6988	CPD-31° 6179	8.2	50 14.39	+3.8018-.0163	-31 36 3.1	+ 9.278+.488	99.1	2
6989	CZ 2032	6.5	50 31.58	+3.7797-.0158	-30 50 5.1	+ 9.300+.484	98.7	2
6990	CZ 2034	8.2	50 40.07	+3.8965-.0186	-34 49 40.4	+ 9.311+.499	97.6	2
6991	CZ 2038	8.5	50 42.32	+3.5833-.0117	-23 19 48.3	+ 9.314+.459	99.1	2
6992	Br 2533	4.6	50 48.73	+3.6872-.0138	-27 26 6.1	+ 9.322+.472	97.6	9
6993	CZ 2047	8.2	50 58.06	+3.7687-.0157	-30 27 58.9	+ 9.334+.482	93.4	3
6994	CZ 2052	8.7	51 3.49	+3.6333-.0127	-25 21 16.1	+ 9.341+.465	96.7	1
6995	CZ 2056	8.2	51 9.84	+3.6620-.0133	-26 29 6.4	+ 9.349+.468	96.6	2
6996	CZ 2059	8.6	51 15.23	+3.6322-.0127	-25 19 22.6	+ 9.356+.464	96.7	3
6997	CZ 2062	8.4	51 25.32	+3.6350-.0128	-25 26 36.9	+ 9.369+.464	96.7	2
6998	CZ 2065	7.0	51 37.72	+3.9614-.0205	-36 57 12.2	+ 9.385+.506	97.7	2
6999	CZ 2068	8.0	51 39.84	+3.9139-.0193	-35 27 17.2	+ 9.388+.500	97.7	2
7000	CZ 2073	8.6	19 51 48.09	+3.7235-.0148	-28 51 36.3	+ 9.398+.475	96.7	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
7001	CZ 2082	8.6	19	52	8.60	+3.8300-	.0173	-32	41	40.1	+ 9.425+	.489	96.7	2
7002	CZ 2084	7.7		52	11.37	+3.8359-	.0174	-32	53	51.4	+ 9.428+	.489	97.7	2
7003	CZ 2094	7.9		52	24.18	+3.5879-	.0120	-23	35	54.0	+ 9.445+	.457	98.7	2
7004	CZ 2099	8.0		52	37.33	+3.7240-	.0149	-28	55	19.6	+ 9.462+	.474	96.6	2
7005	CZ 2100	7.0		52	39.04	+3.7754-	.0161	-30	48	21.6	+ 9.464+	.481	98.7	2
7006	Br 2539	5.0		52	51.70	+3.6592-	.0135	-26	27	58.8	+ 9.480+	.466	97.7	8
7007	CZ 2109	8.6		52	54.00	+3.6616-	.0136	-26	33	48.8	+ 9.483+	.466	96.6	2
7008	CZ 2113	8.4		53	0.19	+3.7288-	.0150	-29	7	26.4	+ 9.491+	.475	96.7	2
7009	CZ 2116	8.8		53	1.13	+3.6861-	.0141	-27	30	57.2	+ 9.492+	.469	91.8	2
7010	CZ 2114	8.2		53	4.01	+3.8365-	.0176	-32	58	18.1	+ 9.496+	.488	97.7	2
7011	$\theta^1$ Sagittarii	4.4		53	13.75	+3.9137-	.0196	-35	32	49.0	+ 9.508+	.498	97.6	8
7012	L 8292	5.3		53	21.78	+3.8956-	.0191	-34	58	1.6	+ 9.519+	.496	96.7	2
7013	Cape <sub>50</sub> 3942	6.5		53	38.64	+3.5593-	.0115	-22	28	55.9	+ 9.541+	.452	98.7	2
7014	L 8296	5.7		53	53.66	+3.8644-	.0184	-33	58	3.1	+ 9.560+	.491	97.7	2
7015	CZ 2165	7.6		54	17.67	+3.8192-	.0174	-32	26	55.0	+ 9.591+	.485	97.7	2
7016	CZ 2172	8.0		54	24.69	+3.7195-	.0151	-28	51	33.8	+ 9.600+	.472	98.7	2
7017	Pi 339	8.6		54	30.69	+3.5262-	.0109	-21	7	47.7	+ 9.607+	.447	99.1	2
7018	CZ 2187	8.4		54	45.40	+3.6820-	.0143	-27	27	17.3	+ 9.626+	.467	91.8	1
7019	CZ 2192	8.0		54	49.69	+3.6572-	.0137	-26	29	52.3	+ 9.632+	.463	98.7	2
7020	CZ 2195	8.0		54	59.02	+3.9545-	.0210	-36	57	14.6	+ 9.644+	.501	97.6	2
7021	CPD-27° 6916	9.8		55	1.43	+3.6936-	.0146	-27	54	52.5	+ 9.647+	.468	96.6	2
7022	CZ 2199	8.3		55	11.30	+3.8887-	.0193	-34	51	34.9	+ 9.659+	.492	97.6	2
7023	Pi 351	6.2		55	27.38	+3.5700-	.0119	-23	0	43.9	+ 9.680+	.452	98.7	2
7024	CZ 2207	8.7		55	30.16	+3.8916-	.0194	-34	58	30.6	+ 9.683+	.493	97.7	2
7025	Br 2549	4.6		56	30.62	+3.6933-	.0148	-27	59	16.4	+ 9.760+	.466	97.7	16
7026	CZ 2242	8.4		56	35.04	+3.9086-	.0201	-35	35	55.3	+ 9.766+	.493	97.7	2
7027	L 8310	4.8		56	54.90	+3.9913-	.0224	-38	13	3.0	+ 9.791+	.503	97.7	8
7028	GC 27441	7.0		56	57.87	+3.9477-	.0212	-36	52	28.3	+ 9.795+	.498	98.7	2
7029	CZ 2266	7.0		57	10.18	+3.9304-	.0208	-36	20	21.0	+ 9.811+	.495	97.7	2
7030	CZ 2276	7.8		57	24.32	+3.9878-	.0224	-38	8	44.2	+ 9.829+	.502	96.6	3
7031	CZ 2286	8.8		57	32.55	+3.5728-	.0122	-23	14	7.8	+ 9.839+	.450	96.7	2
7032	Pi 369	6.1		57	48.81	+3.5639-	.0121	-22	52	34.8	+ 9.860+	.448	97.6	8
7033	L 8322	5.0		57	59.19	+3.8093-	.0178	-32	20	12.8	+ 9.873+	.479	97.7	8
7034	CZ 2299	9.0		57	59.29	+3.6992-	.0151	-28	17	57.5	+ 9.873+	.465	94.2	2
7035	CZ 2304	8.7		58	12.92	+3.6553-	.0141	-26	36	31.0	+ 9.891+	.459	96.6	2
7036	CZ 2305	7.8		58	17.22	+3.6912-	.0150	-28	1	38.2	+ 9.896+	.464	98.7	2
7037	A 15882	7.8		58	31.70	+3.5533-	.0120	-22	28	13.0	+ 9.914+	.446	99.0	3
7038	CZ 2314	8.0		58	43.64	+3.9372-	.0213	-36	39	40.6	+ 9.929+	.494	97.7	2
7039	CZ 2323	8.0		58	58.22	+3.8839-	.0199	-34	56	56.8	+ 9.948+	.487	97.7	2
7040	Pi 377	7.5		59	5.04	+3.5320-	.0116	-21	35	44.8	+ 9.957+	.443	98.7	2
7041	CZ 2331	7.5		59	5.96	+3.6664-	.0145	-27	5	46.0	+ 9.958+	.460	98.7	2
7042	CZ 2330	8.3		59	7.44	+3.7254-	.0159	-29	21	34.0	+ 9.960+	.467	94.2	4
7043	CZ 2329	7.0		59	9.49	+3.8343-	.0186	-33	16	58.7	+ 9.962+	.481	97.7	2
7044	CZ 2332	7.8	19	59	13.00	+3.9400-	.0215	-36	46	59.3	+ 9.967+	.494	97.7	2, 1
7045	CZ 2372	8.4	20	0	9.58	+3.7917-	.0177	-31	51	3.5	+10.038+	.474	97.6	2
7046	CZ 2385	8.2		0	29.78	+3.7046-	.0156	-28	39	25.0	+10.064+	.463	96.6	2
7047	GC 27518	8.0		0	40.73	+3.5387-	.0119	-21	57	36.3	+10.077+	.442	98.7	2
7048	CZ 2396	8.5		0	50.32	+3.9065-	.0208	-35	49	12.5	+10.089+	.488	97.7	2
7049	CZ 2403	7.5		1	5.35	+3.9098-	.0210	-35	56	33.5	+10.108+	.488	97.7	2
7050	CZ 2405	8.0	20	1	10.30	+4.0457-	.0249	-40	7	43.0	+10.115+	.505	97.6	8



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	"	"	°	'	"	"	"		
7051	CZ 2409	7.0	20	1	10.66	+3.7394-	.0166	-30	0	32.6	+10.115+	.466	98.7	2
7052	CZ 2410	7.8		1	15.81	+3.8401-	.0192	-33	37	19.3	+10.122+	.479	97.7	2
7053	CZ 2418	8.8		1	29.11	+3.7696-	.0174	-31	8	26.6	+10.138+	.470	96.6	2
7054	CZ 8	8.0		1	51.92	+3.8770-	.0203	-34	55	1.3	+10.167+	.483	98.7	2
7055	CZ 13	7.2		2	4.16	+3.8732-	.0202	-34	48	8.5	+10.182+	.482	97.7	2
7056	CZ 17	8.0		2	10.89	+3.7607-	.0172	-30	51	39.6	+10.191+	.468	93.4	3
7057	CZ 35	7.4		2	38.75	+3.5818-	.0130	-23	52	40.2	+10.226+	.444	96.6	2
7058	CPD-36° 9024	8.4		2	50.85	+3.9322-	.0220	-36	47	30.1	+10.241+	.488	98.7	2
7059	CZ 39	8.1		2	52.45	+3.8379-	.0194	-33	39	26.1	+10.243+	.477	98.7	2
7060	CZ 49	8.8		2	56.59	+3.6899-	.0156	-28	14	29.2	+10.248+	.458	96.6	1
7061	CZ 44	8.6		2	57.59	+3.8910-	.0208	-35	27	29.3	+10.249+	.483	97.6	2
7062	CZ 48	8.0		3	0.51	+3.8524-	.0198	-34	9	56.2	+10.253+	.478	97.6	2
7063	CZ 52	7.6		3	1.02	+3.6458-	.0146	-26	30	48.0	+10.254+	.452	93.0	4
7064	CZ 54	7.1		3	8.85	+3.7022-	.0159	-28	43	49.6	+10.264+	.459	98.7	2
7065	CZ 59	8.5		3	12.18	+3.6896-	.0156	-28	14	48.3	+10.268+	.458	94.2	2
7066	CZ 64	8.2		3	25.57	+3.9034-	.0213	-35	53	53.0	+10.284+	.484	97.7	2
7067	CZ 71	8.2		3	31.63	+3.8950-	.0211	-35	37	43.4	+10.292+	.483	97.7	2
7068	CZ 89	8.1		3	55.64	+3.7738-	.0179	-31	27	28.9	+10.322+	.467	97.7	2
7069	CZ 98	7.4		4	5.13	+3.6210-	.0141	-25	34	37.1	+10.334+	.448	98.7	2
7070	CZ 97	7.8		4	8.82	+3.8406-	.0197	-33	50	23.1	+10.339+	.475	97.7	2
7071	CZ 112	7.3		4	34.80	+3.8049-	.0188	-32	37	1.8	+10.371+	.470	97.7	2
7072	L 8362	5.3		4	37.71	+3.9147-	.0218	-36	21	5.7	+10.375+	.484	97.6	8
7073	CZ 137	8.0		5	14.06	+3.8048-	.0189	-32	39	36.5	+10.420+	.469	97.7	2
7074	CZ 141	7.2		5	17.01	+3.7054-	.0163	-28	59	21.9	+10.424+	.457	98.7	2
7075	CPD-36° 9051	8.5		5	54.27	+3.9035-	.0218	-36	4	48.6	+10.470+	.481	98.7	2
7076	CZ 195	8.2		6	58.35	+3.5620-	.0131	-23	17	5.8	+10.550+	.437	94.2	4
7077	CZ 198	9.0		7	8.88	+3.6066-	.0142	-25	10	0.0	+10.563+	.442	91.8	2
7078	CZ 199*	7.2		7	17.33	+3.8510-	.0205	-34	25	6.6	+10.573+	.472	97.6	2
7079	CZ 206	9.0		7	34.60	+3.8672-	.0210	-34	59	34.4	+10.594+	.474	96.6	3
7080	CZ 215	8.4		7	54.08	+3.8401-	.0204	-34	5	15.8	+10.619+	.470	98.7	2
7081	CZ 226	9.2		8	11.39	+3.7145-	.0170	-29	31	45.1	+10.640+	.454	96.7	2
7082	CZ 232	9.1		8	21.71	+3.6543-	.0155	-27	10	47.6	+10.653+	.447	93.4	3
7083	Pi 29	5.7		9	2.93	+3.6570-	.0156	-27	19	53.3	+10.704+	.446	97.7	9
7084	CZ 255	9.1		9	32.18	+3.6826-	.0164	-28	22	56.6	+10.740+	.449	96.6	2
7085	L 8386	6.6		9	37.93	+3.7325-	.0177	-30	18	37.7	+10.747+	.455	97.6	8
7086	CZ 260	9.0		9	40.94	+3.8213-	.0201	-33	33	37.4	+10.751+	.466	96.6	2
7087	CZ 265	6.2		9	53.25	+3.9152-	.0229	-36	45	32.6	+10.766+	.477	97.7	2
7088	CZ 273	7.0		9	59.75	+3.8771-	.0218	-35	30	21.6	+10.774+	.472	97.7	2
7089	CZ 291*	....		10	35.40	+3.8013-	.0197	-32	54	56.2	+10.817+	.462	97.7	2
7090	CPD-22° 7676	9.4		10	43.45	+3.5452-	.0131	-22	46	45.9	+10.827+	.430	91.8	2
7091	CZ 297	8.0		10	44.94	+3.7625-	.0187	-31	30	47.6	+10.829+	.457	97.7	2
7092	CZ 296	9.0		10	48.49	+3.9184-	.0232	-36	56	10.3	+10.833+	.476	98.7	2
7093	CZ 306	8.0		11	14.70	+3.8303-	.0207	-33	59	32.6	+10.866+	.465	97.6	2
7094	CZ 312	8.9		11	23.07	+3.8383-	.0209	-34	16	56.0	+10.876+	.465	96.6	2
7095	CZ 316	8.6		11	25.62	+3.7133-	.0174	-29	42	9.1	+10.879+	.450	93.4	3
7096	CZ 330	8.6		11	51.43	+3.6802-	.0166	-28	26	31.1	+10.911+	.445	96.6	2, 1
7097	CZ 336	8.9		12	0.16	+3.7418-	.0183	-30	49	42.2	+10.921+	.453	96.7	2
7098	CZ 344	8.8		12	8.90	+3.5853-	.0142	-24	34	41.6	+10.932+	.433	96.7	2
7099	Br 2591	6.0		12	8.93	+3.5282-	.0128	-22	7	7.8	+10.932+	.426	97.6	8
7100	CPD-22° 7679	7.9	20	12	13.02	+3.5324-	.0130	-22	18	26.7	+10.937+	.427	98.7	2

7078 8M<sub>0</sub> 3" 20".7089 8M<sub>2</sub>, 8M<sub>4</sub> Mean.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
7101	CZ 359	7.0	20 12 51.99	+3.8002-.0201	-33 2 36.7	+10.985+.458	97.6	8
7102	CZ 361	9.1	12 54.58	+3.7186-.0178	-30 0 42.1	+10.988+.449	96.7	2
7103	CZ 371	8.2	13 9.38	+3.7873-.0198	-32 35 51.2	+11.006+.457	97.7	2
7104	CZ 372	7.8	13 12.73	+3.7161-.0178	-29 56 9.0	+11.010+.448	98.7	2
7105	CZ 374	7.6	13 21.36	+3.7718-.0193	-32 2 29.9	+11.020+.454	97.7	2
7106	CZ 375	8.2	13 25.74	+3.9087-.0234	-36 49 3.2	+11.026+.471	97.7	2
7107	GC 27826	6.5	13 35.70	+3.5070-.0125	-21 15 48.3	+11.038+.422	98.7	2
7108	CZ 389	7.5	13 39.71	+3.7954-.0201	-32 55 47.0	+11.043+.457	97.7	2
7109	CZ 396	7.2	13 46.27	+3.6056-.0149	-25 32 14.0	+11.051+.434	94.2	4
7110	CZ 395	7.2	13 50.13	+3.8507-.0217	-34 53 50.2	+11.055+.464	97.7	2
7111	CZ 413	7.8	14 17.07	+3.7030-.0176	-29 30 19.8	+11.088+.445	98.7	2
7112	CZ 415*	7.1	14 18.36	+3.7031-.0176	-29 30 41.5	+11.090+.445	98.7	2
7113	CZ 416	6.8	14 24.60	+3.8814-.0228	-35 59 21.2	+11.097+.466	96.6	2
7114	CZ 421	8.2	14 26.70	+3.6044-.0150	-25 31 31.9	+11.100+.433	93.4	3
7115	CZ 435	8.8	14 42.55	+3.5941-.0147	-25 6 20.9	+11.119+.431	96.6	2, 1
7116	CZ 426	8.1	14 42.66	+3.8879-.0230	-36 13 56.1	+11.119+.467	97.6	2, 3
7117	CZ 436	8.2	14 46.40	+3.5941-.0148	-25 6 47.7	+11.124+.431	96.6	2
7118	CZ 438	7.5	14 53.48	+3.7962-.0203	-33 3 12.8	+11.132+.455	97.6	2
7119	CZ 448	7.8	15 12.92	+3.9075-.0238	-36 55 29.8	+11.156+.468	97.7	4
7120	CZ 450	8.8	15 13.53	+3.9033-.0236	-36 47 14.5	+11.157+.468	97.6	2
7121	CPD-34° 8666	8.0	15 14.08	+3.8446-.0218	-34 47 39.7	+11.157+.461	98.7	2
7122	CPD-36° 9117	9.0	16 1.76	+3.8898-.0234	-36 24 13.5	+11.215+.465	98.8	2
7123	GC 27893	7.4	16 14.67	+3.5264-.0132	-22 16 27.7	+11.231+.421	98.7	2
7124	CZ 484	7.2	16 34.43	+3.8676-.0228	-35 41 46.0	+11.255+.462	98.7	2
7125	A 16085	8.2	16 44.87	+3.5345-.0135	-22 39 48.8	+11.267+.421	91.8	2
7126	CZ 493	8.0	16 46.09	+3.8009-.0208	-33 22 4.3	+11.269+.453	96.7	2
7127	CZ 492	8.8	16 48.44	+3.9062-.0241	-37 0 36.6	+11.271+.466	96.6	2
7128	CZ 512	9.0	17 13.62	+3.6162-.0156	-26 12 25.2	+11.302+.431	96.6	2
7129	CZ 510	9.0	17 18.63	+3.9297-.0249	-37 49 12.3	+11.308+.468	96.7	2
7130	CZ 513	7.5	17 20.00	+3.8587-.0226	-35 27 0.7	+11.310+.460	97.6	2
7131	CZ 520	8.2	17 30.69	+3.6363-.0162	-27 3 19.4	+11.322+.432	96.7	2
7132	CZ 536	8.8	17 56.57	+3.5745-.0146	-24 29 5.6	+11.353+.425	96.7	2
7133	CZ 540	8.8	18 7.45	+3.8448-.0224	-35 2 2.8	+11.367+.457	96.6	2, 1
7134	L 8427	7.0	18 34.22	+3.6924-.0179	-29 23 56.9	+11.399+.438	96.6	2
7135	L 8430	7.0	18 36.35	+3.6128-.0157	-26 9 21.1	+11.401+.428	98.7	2
7136	CZ 561	8.5	18 45.93	+3.5755-.0148	-24 34 42.7	+11.413+.424	96.6	2
7137	CZ 567	8.6	19 0.49	+3.6862-.0178	-29 11 10.6	+11.430+.437	96.7	2
7138	CZ 570	7.6	19 10.24	+3.7144-.0186	-30 18 31.4	+11.442+.440	93.4	3
7139	CZ 577	8.6	19 15.13	+3.5501-.0142	-23 30 22.8	+11.448+.420	96.7	2, 1
7140	L 8433	6.0	19 19.55	+3.6806-.0177	-28 59 15.5	+11.453+.435	97.6	9
7141	CZ 578	8.1	19 21.63	+3.7815-.0206	-32 51 44.2	+11.456+.448	98.7	2
7142	CZ 587	7.9	19 36.46	+3.8111-.0216	-33 57 38.0	+11.473+.451	97.7	2, 3
7143	CZ 595	7.0	19 46.49	+3.6282-.0163	-26 52 52.1	+11.485+.428	98.7	2
7144	CZ 615	7.2	20 9.33	+3.7742-.0206	-32 39 19.0	+11.512+.446	97.7	2
7145	CZ 624	8.2	20 16.87	+3.5893-.0153	-25 16 20.5	+11.522+.423	96.6	2, 1
7146	L 8438	6.4	20 24.45	+3.9188-.0252	-37 43 36.4	+11.530+.462	97.6	9
7147	CZ 627	7.3	20 24.68	+3.6890-.0181	-29 23 56.0	+11.531+.435	98.7	2
7148	CZ 628	7.5	20 27.46	+3.7298-.0193	-31 0 5.7	+11.534+.441	97.7	1
7149	CZ 632	8.4	20 39.22	+3.8690-.0236	-36 4 34.4	+11.548+.456	96.6	2
7150	CZ 663	8.3	20 21 19.35	+3.5740-.0150	-24 40 57.2	+11.596+.420	96.6	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
7151	CZ 661	9.4	20 21 19.56	+3.6730-.0177	-28 49 41.0	+11.596+.432	93.5	3
7152	CZ 662	6.9	21 21.36	+3.6807-.0180	-29 8 31.3	+11.598+.433	98.7	2
7153	CZ 667	7.0	21 32.08	+3.7323-.0195	-31 10 53.9	+11.611+.438	96.7	3
7154	CPD-31° 6270	8.1	21 44.85	+3.7421-.0198	-31 34 29.7	+11.626+.440	98.7	2
7155	CZ 678	7.8	21 49.43	+3.6662-.0176	-28 35 27.0	+11.632+.430	98.7	2
7156	CZ 681	8.0	21 57.50	+3.6936-.0184	-29 42 10.1	+11.641+.433	98.7	2
7157	L 8457	6.0	22 1.64	+3.6020-.0158	-25 56 11.8	+11.646+.422	98.7	2
7158	CZ 684	7.5	22 5.49	+3.8785-.0242	-36 31 25.4	+11.651+.455	97.7	2
7159	CZ 689	7.0	22 10.91	+3.8270-.0226	-34 44 22.7	+11.657+.449	97.6	2
7160	CZ 695	7.8	22 15.20	+3.5420-.0143	-23 20 38.2	+11.662+.415	96.6	2
7161	L 8453	6.5	22 21.85	+3.8604-.0237	-35 55 33.4	+11.670+.452	97.6	2
7162	Yarn 9103	8.5	22 25.47	+3.8536-.0234	-35 41 37.6	+11.675+.452	98.8	2
7163	CZ 705	7.0	22 32.95	+3.5677-.0150	-24 29 26.9	+11.683+.418	96.6	2
7164	CZ 712	6.8	22 48.63	+3.5632-.0149	-24 18 47.4	+11.702+.417	96.6	2
7165	GC 28074	7.2	23 11.51	+3.4940-.0131	-21 13 58.5	+11.729+.408	98.7	2
7166	CZ 729	8.2	23 24.07	+3.7861-.0214	-33 21 31.0	+11.744+.442	98.7	2
7167	CZ 736	8.4	23 35.68	+3.6399-.0171	-27 38 44.2	+11.758+.425	93.4	3
7168	Pi 146	6.0	23 39.39	+3.5261-.0140	-22 43 23.6	+11.762+.411	98.7	2
7169	CZ 757	8.6	24 20.07	+3.7476-.0204	-31 59 33.1	+11.810+.436	98.8	2
7170	CZ 762	8.9	24 27.86	+3.6307-.0170	-27 19 28.1	+11.819+.422	93.4	3
7171	CZ 765	8.0	24 35.88	+3.6966-.0189	-30 1 30.8	+11.829+.430	96.6	2
7172	CZ 773	6.9	24 49.42	+3.6817-.0185	-29 26 51.0	+11.844+.428	98.7	2
7173	GC 28109	7.0	24 52.84	+3.4876-.0131	-21 2 37.8	+11.849+.405	98.7	2
7174	CZ 796	8.2	25 33.26	+3.8216-.0230	-34 49 56.3	+11.896+.443	97.6	2
7175	CZ 800	8.0	25 41.38	+3.6546-.0178	-28 24 33.4	+11.906+.423	98.7	2
7176	CZ 818	8.2	26 20.28	+3.8690-.0247	-36 34 0.3	+11.951+.448	97.6	2
7177	CZ 826	7.8	26 21.79	+3.5780-.0157	-25 12 28.5	+11.953+.414	98.7	2
7178	GC 28133	7.4	26 22.24	+3.5171-.0140	-22 29 33.5	+11.953+.406	94.2	4
7179	GC 28135	7.9	26 24.42	+3.5173-.0141	-22 29 58.6	+11.956+.406	95.0	3
7180	CZ 830	7.8	26 30.34	+3.7358-.0204	-31 43 14.4	+11.963+.432	97.7	2
7181	CZ 831	9.1	26 30.65	+3.7160-.0198	-30 56 58.5	+11.963+.430	95.1	3
7182	CZ 837	8.8	26 34.35	+3.6001-.0164	-26 10 56.8	+11.968+.416	96.6	2
7183	CZ 838	7.3	26 36.47	+3.6656-.0183	-28 56 0.7	+11.970+.424	98.7	2
7184	CZ 840	8.4	26 44.53	+3.8577-.0244	-36 12 48.5	+11.980+.446	97.7	2
7185	Pi 170	6.0	26 55.19	+3.5788-.0158	-25 16 53.7	+11.992+.413	97.6	8
7186	CPD-21° 7718	8.9	27 37.19	+3.4995-.0137	-21 45 55.6	+12.041+.403	91.8	2
7187	GC 28157	7.5	27 40.59	+3.5170-.0142	-22 34 13.3	+12.045+.405	95.1	3
7188	CZ 863	7.0	27 41.94	+3.6806-.0189	-29 37 58.8	+12.047+.424	98.7	2
7189	CZ 871	8.0	27 53.79	+3.5708-.0157	-25 0 0.2	+12.060+.411	96.6	2
7190	CZ 882	8.9	28 12.72	+3.6061-.0167	-26 33 44.5	+12.082+.414	95.1	3
7191	CZ 888	8.0	28 22.82	+3.8093-.0231	-34 38 11.7	+12.094+.438	97.7	2
7192	GC 28170	6.5	28 24.74	+3.9188-.0269	-38 25 57.2	+12.096+.450	96.6	2
7193	CZ 892*	8.4	28 28.16	+3.7989-.0228	-34 15 53.3	+12.100+.436	97.7	2
7194	CZ 902	6.4	28 37.44	+3.7082-.0199	-30 48 55.1	+12.111+.426	97.6	8
7195	CPD-35° 8884*	8.0	28 40.61	+3.8206-.0235	-35 4 19.4	+12.115+.439	98.7	2
7196	CZ 909	8.7	28 59.00	+3.6956-.0195	-30 20 29.7	+12.136+.424	96.6	2
7197	CZ 926	9.1	29 25.87	+3.6305-.0176	-27 41 45.6	+12.167+.415	96.6	2
7198	CZ 929	8.3	29 34.89	+3.5429-.0151	-23 52 47.0	+12.178+.405	96.6	2
7199	CZ 937	7.0	29 52.98	+3.6161-.0172	-27 7 7.4	+12.199+.413	98.7	2
7200	CZ 948	9.4	20 30 14.43	+3.6181-.0173	-27 14 0.8	+12.224+.413	93.4	3



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
7201	GC 28224	7.1	20 30 39.27	+3.4776-.0134	-20 55 51.1	+12.252+.396	98.7	2
7202	CZ 971	8.0	30 57.98	+3.7994-.0232	-34 30 16.7	+12.274+.433	98.7	2
7203	CZ 990	8.0	31 36.66	+3.7786-.0226	-33 47 26.9	+12.318+.429	97.6	2
7204	CZ 1001	9.1	31 47.85	+3.6047-.0171	-26 46 37.0	+12.331+.409	96.6	4
7205	GC 28255	6.9	31 52.69	+3.5155-.0146	-22 47 29.0	+12.337+.399	98.7	2
7206	CZ 1003	6.5	31 55.06	+3.5744-.0162	-25 27 25.8	+12.340+.406	98.7	2
7207	CZ 1004	6.9	31 58.93	+3.7140-.0206	-31 19 37.4	+12.344+.421	97.6	2
7208	CZ 1008	7.8	32 6.91	+3.7130-.0206	-31 18 1.5	+12.353+.421	97.6	2
7209	CZ 1015	6.8	32 9.87	+3.5542-.0157	-24 34 38.0	+12.357+.403	98.7	2
7210	CZ 1022	8.1	32 29.29	+3.7828-.0229	-34 1 39.2	+12.379+.428	97.7	2
7211	A 16266	8.4	32 32.32	+3.4927-.0140	-21 46 23.6	+12.382+.395	<sup>(95.2)</sup> <sub>(94.6)</sub>	4, 5
7212	GC 28275	7.1	32 37.42	+3.4835-.0138	-21 20 32.7	+12.388+.394	95.5	5
7213	CPD-36° 9219	9.0	32 39.97	+3.8563-.0256	-36 42 21.0	+12.391+.437	98.7	2
7214	CZ 1032	8.1	32 53.62	+3.7686-.0225	-33 31 38.7	+12.407+.426	97.7	2
7215	CZ 1034	8.4	32 57.94	+3.6494-.0187	-28 46 34.1	+12.412+.413	96.6	2
7216	CZ 1039	8.6	33 6.11	+3.5494-.0157	-24 25 39.8	+12.421+.401	96.6	2
7217	CZ 1049	8.7	33 28.09	+3.7094-.0206	-31 16 31.4	+12.446+.418	96.7	2
7218	L 8509	7.0	33 28.96	+3.8450-.0253	-36 23 1.7	+12.447+.434	97.6	8
7219	CZ 1057	9.0	33 47.87	+3.7938-.0236	-34 33 22.3	+12.469+.428	96.7	2
7220	CZ 1062	7.7	33 53.49	+3.6308-.0182	-28 4 7.8	+12.475+.409	98.7	2
7221	CZ 1061	7.8	33 56.23	+3.8372-.0251	-36 9 4.0	+12.478+.432	97.7	2
7222	L 8517	5.5	34 3.53	+3.7726-.0229	-33 47 9.3	+12.487+.425	97.6	8
7223	CZ 1078	8.9	34 11.96	+3.5498-.0158	-24 31 40.9	+12.496+.399	93.4	3
7224	CZ 1079	6.5	34 14.68	+3.5412-.0156	-24 8 22.8	+12.499+.398	98.7	2
7225	CZ 1086	7.1	34 26.87	+3.5480-.0158	-24 27 46.3	+12.513+.399	95.1	3
7226	CZ 1089	7.8	34 33.68	+3.6265-.0182	-27 56 24.4	+12.521+.407	98.7	2
7227	CZ 1093	6.9	34 36.17	+3.6046-.0175	-26 59 53.5	+12.524+.405	98.7	2
7228	CZ 1102	6.5	34 48.33	+3.6487-.0189	-28 54 11.7	+12.538+.410	98.8	2
7229	L 8529	5.8	35 11.58	+3.7225-.0214	-31 57 5.9	+12.564+.417	97.1	4
7230	CZ 1123	6.7	35 26.13	+3.5884-.0171	-26.21 15.0	+12.581+.402	95.0	3
7231	CZ 1127	7.8	35 30.63	+3.6342-.0185	-28 20 59.4	+12.586+.407	96.4	3
7232	CZ 1129	9.5	35 32.21	+3.6364-.0186	-28 26 47.1	+12.588+.407	95.1	3
7233	CZ 1132	7.7	35 42.16	+3.6520-.0191	-29 7 5.6	+12.599+.408	98.7	2
7234	CZ 1138	8.8	35 52.59	+3.6154-.0180	-27 34 17.1	+12.611+.404	96.7	4
7235	CZ 1137	8.0	35 53.45	+3.7323-.0218	-32 24 8.4	+12.612+.418	97.6	2
7236	CZ 1149	9.0	36 9.34	+3.5980-.0175	-26 50 10.7	+12.630+.402	95.4	4
7237	CZ 1157	8.2	36 20.12	+3.5208-.0152	-23 21 28.2	+12.642+.393	96.7	2
7238	CZ 1167	9.0	36 54.52	+3.7859-.0238	-34 33 12.9	+12.681+.422	96.6	1
7239	CZ 1178	7.0	37 10.76	+3.6647-.0197	-29 46 34.7	+12.699+.408	94.2	2
7240	CZ 1177	9.0	37 12.13	+3.7168-.0215	-31 54 23.3	+12.701+.414	96.7	2
7241	CZ 1176	8.8	37 13.31	+3.8212-.0252	-35 53 18.7	+12.702+.426	97.6	2
7242	CZ 1183	8.6	37 22.26	+3.8238-.0253	-35 59 56.9	+12.712+.426	97.7	2
7243	GC 28395	7.8	37 36.54	+3.5072-.0149	-22.48 44.4	+12.728+.389	98.7	2
7244	CZ 1196	8.0	37 47.17	+3.5286-.0156	-23 49 46.1	+12.740+.392	95.4	4
7245	CZ 1197	7.0	37 52.64	+3.7248-.0219	-32 17 17.4	+12.746+.414	97.6	2
7246	CZ 1199	8.0	37 52.91	+3.6278-.0186	-28 16 27.2	+12.747+.403	98.7	2
7247	CZ 1200	8.0	37 54.12	+3.5802-.0172	-26 11 6.9	+12.748+.397	98.7	2
7248	CZ 1206	7.0	38 19.41	+3.8265-.0256	-36 11 18.3	+12.777+.424	97.6	2
7249	CZ 1209	8.1	38 26.86	+3.6106-.0182	-27 34 22.6	+12.785+.400	95.0	3
7250	CZ 1210	8.7	20 38 27.92	+3.6068-.0180	-27 24 43.3	+12.786+.400	96.6	1



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
7251	CZ 1212	7.1	20 38 32.59	+3.6332-.0189	-28 33 53.8	+12.791+.402	98.7	2
7252	CZ 1213	8.6	38 33.97	+3.6584-.0197	-29 38 14.2	+12.793+.405	96.6	2
7253	CZ 1219	6.0	38 52.36	+3.8069-.0250	-35 31 40.8	+12.813+.421	97.6	2
7254	CZ 1228	8.4	39 4.53	+3.6978-.0211	-31 18 57.4	+12.827+.409	96.7	4
7255	GC 28433	9.2	39 6.77	+3.6978-.0211	-31 18 58.6	+12.830+.409	96.7	3
7256	CZ 1232	8.6	39 10.36	+3.5326-.0158	-24 7 11.2	+12.834+.390	94.2	2
7257	CZ 1234	7.0	39 12.99	+3.6098-.0182	-27 36 35.5	+12.837+.399	98.8	1
7258	CZ 1235	6.8	39 16.37	+3.6858-.0208	-30 50 23.5	+12.840+.407	98.7	2
7259	L 8545	5.5	39 49.16	+3.9193-.0294	-39 33 44.1	+12.877+.432	96.8	2
7260	CZ 1253	9.1	39 53.73	+3.5471-.0164	-24 50 53.3	+12.882+.391	96.7	2
7261	CZ 1251	6.8	39 56.55	+3.8302-.0260	-36 28 58.1	+12.885+.422	97.2	4
7262	CZ 1257	8.2	40 8.65	+3.7095-.0217	-31 53 12.7	+12.899+.409	98.7	2
7263	ψ Capricorni	4.3	40 10.58	+3.5637-.0169	-25 37 49.3	+12.901+.392	97.6	8
7264	CZ 1271	8.8	40 20.36	+3.5316-.0159	-24 9 40.7	+12.912+.389	96.6	2
7265	Br 2677	5.9	40 22.20	+3.4834-.0145	-21 52 39.4	+12.914+.383	97.7	9, 8
7266	CZ 1274	8.0	40 24.51	+3.5298-.0159	-24 5 16.2	+12.917+.388	98.7	2
7267	CZ 1268	8.7	40 24.53	+3.7616-.0236	-33 58 5.0	+12.917+.414	97.7	2
7268	GC 28465	8.8	40 28.27	+3.5987-.0181	-27 13 39.3	+12.921+.396	98.7	2
7269	CZ 1276	7.3	40 28.36	+3.5988-.0181	-27 13 57.5	+12.921+.396	98.7	2
7270	CZ 1278	9.2	40 31.91	+3.6435-.0195	-29 10 57.5	+12.925+.400	94.2	2
7271	CZ 1282	8.2	40 36.94	+3.5553-.0167	-25 16 42.9	+12.930+.390	96.7	2
7272	GC 28473	7.2	40 41.13	+3.4964-.0149	-22 31 38.3	+12.935+.384	98.8	2
7273	CZ 1286	8.2	40 45.37	+3.6054-.0183	-27 32 54.8	+12.940+.396	96.7	2
7274	CZ 1304	9.0	41 21.67	+3.5444-.0164	-24 50 24.3	+12.980+.388	96.6	2
7275	CZ 1303*	7.7	41 22.22	+3.5870-.0178	-26 46 52.3	+12.981+.393	98.7	2
7276	CZ 1322	7.2	41 51.85	+3.6162-.0188	-28 7 5.6	+13.014+.395	96.6	2
7277	CZ 1324	9.2	41 58.66	+3.8593-.0276	-37 43 48.4	+13.021+.422	96.6	2
7278	GC 28513	8.0	42 26.79	+3.5080-.0154	-23 12 48.7	+13.052+.382	98.7	2
7279	Pi 298	7.2	42 31.67	+3.5055-.0154	-23 6 13.6	+13.058+.382	98.7	2
7280	CZ 1339	8.9	42 33.34	+3.7439-.0233	-33 29 29.4	+13.060+.408	96.7	2
7281	CZ 1349	8.2	42 50.85	+3.7405-.0232	-33 23 2.3	+13.079+.408	97.6	2
7282	CZ 1350	9.2	42 51.26	+3.6826-.0212	-31 2 42.2	+13.079+.401	96.6	2
7283	CZ 1351	8.6	42 55.36	+3.5973-.0183	-27 22 40.9	+13.084+.392	93.4	3
7284	CZ 1360	7.2	43 10.99	+3.6703-.0208	-30 33 38.4	+13.101+.399	98.7	2
7285	Pi 305	5.8	43 21.47	+3.5693-.0174	-26 9 1.3	+13.113+.388	98.7	2
7286	CZ 1367	8.6	43 24.72	+3.5815-.0178	-26 42 37.0	+13.116+.389	96.7	2
7287	CZ 1369	8.7	43 26.20	+3.5946-.0183	-27 18 11.9	+13.118+.391	94.2	4
7288	α Microscopii	5.0	43 43.41	+3.7578-.0240	-34 8 59.3	+13.137+.408	97.6	9
7289	GC 28546	9.2	43 43.85	+3.7579-.0240	-34 9 17.9	+13.138+.408	97.8	2
7290	CZ 1384	9.2	43 44.80	+3.5690-.0175	-26 10 5.7	+13.139+.387	95.1	3
7291	CZ 1385	8.9	43 45.78	+3.5691-.0175	-26 10 35.8	+13.140+.387	95.1	3
7292	Pi 312	7.0	44 5.70	+3.6031-.0187	-27 44 15.6	+13.162+.391	98.7	2
7293	CZ 1393	8.5	44 6.98	+3.6030-.0187	-27 44 8.6	+13.163+.390	98.7	2
7294	CZ 1394	9.0	44 10.76	+3.6736-.0211	-30 47 41.8	+13.167+.398	96.6	2, 1
7295	CZ 1403	7.8	44 29.38	+3.7043-.0222	-32 5 45.6	+13.188+.401	96.6	2
7296	CZ 1406	7.8	44 33.85	+3.6929-.0218	-31 38 5.2	+13.193+.400	97.7	2
7297	L 8590	6.9	44 36.57	+3.5496-.0170	-25 21 6.3	+13.196+.384	98.0	3
7298	CZ 1407	6.2	44 37.06	+3.7121-.0225	-32 25 30.7	+13.196+.402	97.7	2
7299	A 16428	7.2	45 7.60	+3.4721-.0146	-21 40 58.1	+13.230+.374	98.7	2
7300	CZ 1445	7.0	20 45 34.83	+3.5974-.0187	-27 37 4.0	+13.259+.388	98.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
7301	CZ 1446	7.0	20 45 35.43	+3.6142-.0192	-28 22 8.9	+13.260+.389	98.8	2
7302	CZ 1444	7.3	45 35.74	+3.6553-.0206	-30 9 16.4	+13.260+.394	98.8	2
7303	CZ 1447	6.9	45 35.97	+3.6473-.0204	-29 48 46.2	+13.261+.393	97.8	9
7304	CZ 1442	8.8	45 38.38	+3.8713-.0288	-38 32 15.8	+13.263+.417	96.7	2
7305	CZ 1450	6.0	45 46.10	+3.7373-.0236	-33 33 8.6	+13.272+.403	97.7	2
7306	CZ 1451	8.0	45 50.80	+3.7550-.0243	-34 15 22.6	+13.277+.404	97.8	2
7307	$\omega$ Capricorni	4.2	45 51.28	+3.5896-.0184	-27 17 36.0	+13.277+.386	97.7	8
7308	CZ 1457	8.8	46 9.72	+3.8912-.0298	-39 16 56.4	+13.297+.419	96.6	2
7309	CZ 1463	8.2	46 10.08	+3.6924-.0220	-31 46 8.9	+13.298+.397	97.7	2
7310	CZ 1472	8.2	46 25.49	+3.6990-.0223	-32 4 6.8	+13.315+.397	97.7	2
7311	CZ 1474	9.0	46 25.87	+3.5289-.0165	-24 31 57.5	+13.315+.379	96.7	2
7312	A 16447	7.0	46 35.56	+3.4683-.0146	-21 36 23.8	+13.326+.372	98.7	2, 1
7313	CZ 1478	8.9	46 40.56	+3.5881-.0185	-27 17 45.8	+13.331+.385	93.4	3
7314	CZ 1482	7.6	46 53.11	+3.8216-.0271	-36 53 19.4	+13.345+.410	97.7	2
7315	CZ 1487	7.2	47 2.26	+3.6932-.0222	-31 53 24.1	+13.355+.396	96.7	2
7316	CZ 1491	8.0	47 3.24	+3.5928-.0187	-27 32 38.5	+13.356+.385	96.7	1
7317	Pi 339*	7.5	47 9.28	+3.5198-.0163	-24 9 28.4	+13.362+.377	96.6	3
7318	CZ 1500	6.6	47 18.44	+3.6735-.0216	-31 5 43.3	+13.372+.393	98.7	2
7319	CZ 1502	8.9	47 19.44	+3.6113-.0194	-28 24 2.8	+13.373+.386	96.7	2
7320	CZ 1499	7.0	47 19.87	+3.8117-.0268	-36 34 18.3	+13.374+.408	97.7	2
7321	CPD-27° 7133	9.6	47 19.96	+3.5921-.0187	-27 32 16.7	+13.374+.384	96.7	1
7322	CZ 1518	7.9	47 59.38	+3.5723-.0181	-26 41 41.6	+13.417+.381	93.4	3
7323	CZ 1524	7.0	48 6.84	+3.6075-.0193	-28 18 11.8	+13.425+.385	98.7	2
7324	CZ 1517	7.2	48 7.58	+3.9151-.0312	-40 18 33.0	+13.426+.418	97.7	8
7325	CZ 1527	7.0	48 8.89	+3.5285-.0167	-24 39 28.3	+13.427+.376	98.7	2
7326	CZ 1534	7.6	48 29.12	+3.5553-.0176	-25 57 13.5	+13.449+.379	96.7	4
7327	CZ 1537	7.6	48 36.12	+3.6066-.0194	-28 18 36.1	+13.456+.384	98.8	2
7328	Lal 40341	7.8	48 58.30	+3.4591-.0146	-21 19 41.5	+13.480+.367	98.7	2
7329	CZ 1550	9.1	48 58.85	+3.6382-.0205	-29 44 33.3	+13.481+.387	96.6	2
7330	CZ 1557	8.9	49 25.05	+3.5651-.0181	-26 29 34.4	+13.509+.378	96.6	2
7331	CZ 1560	7.0	49 31.76	+3.6725-.0219	-31 16 34.0	+13.517+.390	97.7	2
7332	CZ 1564	7.7	49 41.84	+3.6877-.0225	-31 56 2.2	+13.527+.391	97.7	2
7333	CZ 1566	7.8	49 46.64	+3.6864-.0224	-31 53 13.0	+13.533+.391	97.7	2
7334	CZ 1594	7.5	50 38.99	+3.7454-.0248	-34 22 55.4	+13.589+.396	97.6	2
7335	Pi 370	5.8	50 50.84	+3.5663-.0183	-26 40 39.6	+13.602+.376	96.6	2
7336	CZ 1605	9.0	50 54.45	+3.5869-.0190	-27 38 10.1	+13.605+.378	94.2	2
7337	CPD-24° 7118	9.2	51 9.43	+3.5139-.0165	-24 12 47.1	+13.621+.370	96.7	1
7338	A 16497*	8.9	51 11.79	+3.5214-.0168	-24 34 50.1	+13.624+.371	96.6	2
7339	CZ 1613	8.8	51 12.42	+3.5104-.0164	-24 2 50.8	+13.625+.370	96.7	2
7340	CZ 1617	9.3	51 23.16	+3.5902-.0192	-27 50 5.8	+13.636+.378	93.4	3
7341	CZ 1618	8.0	51 26.60	+3.5137-.0166	-24 13 46.4	+13.640+.370	96.7	1
7342	CZ 1631	8.7	51 49.47	+3.5346-.0173	-25 16 14.7	+13.664+.371	96.7	2
7343	CZ 1643	9.0	52 16.79	+3.4941-.0160	-23 20 28.3	+13.693+.366	96.6	2
7344	CZ 1644	8.2	52 21.93	+3.6849-.0228	-32 5 26.6	+13.699+.386	97.6	2
7345	CZ 1645	9.0	52 22.15	+3.5645-.0184	-26 44 8.6	+13.699+.374	96.6	2
7346	CZ 1655	8.0	52 51.51	+3.6822-.0227	-32 1 51.4	+13.730+.385	97.6	2
7347	CZ 1663	8.6	53 10.60	+3.5426-.0177	-25 45 40.1	+13.751+.370	94.7	5
7348	CZ 1664	7.4	53 16.69	+3.7287-.0246	-34 0 0.4	+13.757+.389	97.7	4
7349	CZ 1665	7.2	53 20.75	+3.6546-.0218	-30 53 52.8	+13.761+.382	98.7	2
7350	CZ 1675	8.1	20 53 35.12	+3.5763-.0190	-27 24 20.7	+13.777+.373	95.1	3

7317 9Mo 1<sup>s</sup> 210°7338 Double 2<sup>s</sup> 40°



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
7351	L 8630	6.4	20 53 40.98	+3.7916-.0272	-36 30 59.3	+13.783+.396	97.6	8
7352	CZ 1683	7.0	53 59.61	+3.7423-.0253	-34 37 23.3	+13.802+.390	97.7	2
7353	CZ 1691	8.7	54 12.31	+3.4858-.0159	-23 5 34.9	+13.816+.362	96.7	2
7354	CZ 1694	8.4	54 21.54	+3.5817-.0192	-27 43 50.2	+13.826+.372	96.7	2
7355	GC 28760	6.8	54 24.45	+3.7678-.0264	-35 40 48.1	+13.829+.392	98.7	2
7356	CZ 1695	8.8	54 31.85	+3.7999-.0277	-36 55 36.8	+13.837+.395	98.8	1
7357	CZ 1698	7.0	54 35.45	+3.7871-.0272	-36 26 45.8	+13.840+.394	97.7	2
7358	CZ 1700	8.2	54 40.20	+3.8593-.0303	-39 7 38.9	+13.845+.401	96.7	2
7359	GC 28774	7.9	54 59.76	+3.7634-.0263	-35 34 23.7	+13.866+.390	98.7	2
7360	CZ 1710	7.0	55 0.89	+3.6328-.0212	-30 7 4.1	+13.867+.377	98.7	2
7361	CZ 1712	8.2	55 4.06	+3.6332-.0212	-30 8 23.3	+13.871+.376	98.7	2
7362	γ Microscopii	4.7	55 9.56	+3.6910-.0235	-32 38 55.8	+13.876+.382	97.6	8, 7
7363	CZ 1719	6.5	55 16.58	+3.7060-.0240	-33 17 12.0	+13.884+.384	97.7	2
7364	CZ 1727	8.0	55 27.70	+3.4872-.0161	-23 16 6.2	+13.895+.361	96.6	2
7365	CZ 1725	7.2	55 32.19	+3.7978-.0279	-36 57 56.9	+13.900+.393	97.7	2
7366	CZ 1733	8.4	55 42.34	+3.7192-.0247	-33 52 36.8	+13.911+.384	98.8	2
7367	Pi 411	5.9	55 49.19	+3.5688-.0190	-27 16 19.8	+13.918+.368	98.8	2
7368	CPD-34° 8843	8.5	55 56.41	+3.7324-.0252	-34 26 33.4	+13.926+.386	98.8	2
7369	CZ 1739	5.9	56 2.38	+3.8490-.0302	-38 55 7.4	+13.932+.398	94.7	5
7370	ξ Microscopii	5.4	56 34.71	+3.8501-.0303	-39 1 19.6	+13.965+.397	97.6	8
7371	CZ 1758	7.8	56 49.64	+3.6946-.0239	-32 58 53.0	+13.981+.380	98.7	2
7372	CZ 1762	6.9	56 55.95	+3.6147-.0208	-29 30 14.3	+13.988+.372	98.7	2
7373	CZ 1771	6.8	57 12.46	+3.5841-.0197	-28 7 28.8	+14.005+.368	98.7	2
7374	CZ 1779	8.0	57 25.68	+3.5280-.0177	-25 28 6.6	+14.019+.362	98.7	2
7375	CZ 1795	8.7	57 57.06	+3.5678-.0192	-27 26 10.0	+14.052+.365	93.4	3
7376	CZ 1802	8.5	58 11.59	+3.6126-.0209	-29 32 30.9	+14.067+.369	96.6	2
7377	CPD-23° 7914	9.6	58 42.04	+3.4744-.0160	-22 54 21.6	+14.098+.354	96.6	1
7378	CZ 1821	8.0	58 57.06	+3.6947-.0242	-33 13 24.8	+14.114+.376	97.6	2
7379	CZ 1822	8.0	59 4.31	+3.6830-.0238	-32 44 32.9	+14.121+.375	97.6	2
7380	CZ 1826	8.9	59 5.62	+3.4736-.0160	-22 53 56.0	+14.123+.354	95.1	3
7381	CZ 1828	8.7	59 6.89	+3.4954-.0168	-24 0 43.8	+14.124+.356	94.2	2
7382	CZ 1830	8.7	59 17.96	+3.7837-.0280	-36 51 49.5	+14.136+.385	97.6	2
7383	CZ 1832	8.6	59 21.72	+3.7806-.0279	-36 45 9.7	+14.139+.385	97.7	2
7384	CZ 1843	7.0	59 43.11	+3.7771-.0278	-36 39 28.3	+14.161+.384	97.7	2
7385	δ Microscopii	5.7	20 59 58.85	+3.6301-.0218	-30 31 20.9	+14.178+.368	96.6	2
7386	CZ 1849	7.5	21 0 2.03	+3.8108-.0294	-37 59 13.0	+14.181+.387	96.6	2
7387	CZ 1857	7.0	0 11.42	+3.7347-.0261	-35 1 41.2	+14.191+.379	97.7	2
7388	Br 2731	5.3	0 17.90	+3.6798-.0239	-32 44 29.3	+14.197+.373	97.7	2
7389	CZ 1860	8.8	0 20.11	+3.8092-.0293	-37 57 55.9	+14.200+.387	96.7	2
7390	CZ 1872	8.9	0 49.63	+3.7639-.0274	-36 16 13.9	+14.230+.382	96.7	2
7391	CZ 1882	8.8	0 54.36	+3.5747-.0198	-28 3 48.8	+14.235+.361	96.7	2
7392	CZ 1886	9.3	0 58.00	+3.5913-.0205	-28 50 58.1	+14.239+.362	96.7	2
7393	CZ 1900	7.0	1 15.33	+3.4825-.0165	-23 33 1.6	+14.256+.351	93.4	3
7394	Br 2737	4.6	1 16.83	+3.5192-.0178	-25 24 20.2	+14.258+.355	97.6	8
7395	CZ 1902	9.0	1 18.15	+3.5679-.0196	-27 47 2.1	+14.259+.360	96.7	2
7396	CZ 1909	7.2	1 26.85	+3.5657-.0196	-27 41 31.0	+14.268+.359	98.7	2
7397	CZ 1	7.8	1 38.38	+3.7201-.0258	-34 35 58.6	+14.280+.375	98.7	2
7398	CZ 2	7.6	1 39.47	+3.6469-.0228	-31 27 41.7	+14.281+.367	96.7	3
7399	CZ 20	8.6	2 23.17	+3.7021-.0250	-33 56 7.2	+14.326+.371	96.6	2
7400	CZ 26	9.0	21 2 34.56	+3.5470-.0190	-26 54 10.1	+14.337+.355	96.6	2



No.	Name.	Magn.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
7401	CZ 42	7.4	21	3	0.43	+3.5872-	.0206	-28	52	41.1	+14.364+	.359	96.8	2
7402	CZ 44	6.7		3	5.69	+3.7781-	.0285	-37	6	24.9	+14.369+	.378	97.7	4
7403	CZ 51	8.0		3	16.23	+3.6646-	.0237	-32	25	42.0	+14.380+	.366	97.6	2
7404	CZ 58	7.5		3	24.20	+3.4879-	.0169	-24	1	53.9	+14.388+	.348	98.7	2
7405	CZ 60	9.0		3	34.37	+3.7486-	.0273	-35	59	47.9	+14.398+	.374	97.6	2
7406	Br 2743	6.2		3	49.97	+3.4287-	.0149	-20	57	28.3	+14.414+	.341	98.8	2
7407	CZ 82	7.9		4	4.20	+3.5369-	.0188	-26	33	57.8	+14.428+	.352	93.4	3
7408	CZ 80	6.8		4	5.75	+3.6114-	.0217	-30	7	36.1	+14.430+	.359	98.8	2
7409	CZ 81	7.8		4	6.81	+3.6504-	.0233	-31	53	48.9	+14.431+	.363	97.6	2
7410	CZ 85	7.0		4	13.79	+3.6811-	.0246	-33	15	23.4	+14.438+	.366	97.7	2
7411	CZ 91	8.6		4	16.46	+3.5097-	.0178	-25	13	40.7	+14.441+	.349	96.6	2
7412	CZ 99	7.9		4	31.70	+3.5841-	.0207	-28	53	51.1	+14.456+	.356	95.3	4
7413	CZ 109	8.0		4	52.83	+3.4790-	.0168	-23	42	55.4	+14.478+	.345	96.6	2
7414	CZ 108	8.6		4	54.76	+3.7525-	.0278	-36	19	12.3	+14.480+	.372	97.6	2
7415	CZ 114	8.0		5	12.00	+3.5080-	.0179	-25	14	5.5	+14.497+	.347	96.7	2
7416	CZ 123	8.9		5	30.55	+3.7504-	.0278	-36	18	23.5	+14.516+	.371	96.7	2
7417	CZ 134	9.0		5	49.73	+3.4918-	.0173	-24	27	57.7	+14.535+	.344	96.7	1
7418	CZ 139*	7.5		6	6.04	+3.6253-	.0226	-30	59	51.1	+14.551+	.357	98.7	2
7419	CZ 143	8.8		6	12.48	+3.5169-	.0183	-25	47	18.5	+14.558+	.346	96.6	2
7420	CZ 144	8.0		6	14.13	+3.4922-	.0174	-24	31	50.0	+14.559+	.344	96.7	1
7421	CZ 147	7.7		6	21.72	+3.5676-	.0203	-28	18	49.6	+14.567+	.351	98.7	2
7422	CZ 148	7.8		6	33.61	+3.7438-	.0277	-36	10	18.1	+14.579+	.368	97.6	2
7423	L 8719	5.3		6	39.22	+3.8380-	.0321	-39	49	56.0	+14.584+	.378	96.7	3
7424	CZ 159	8.1		6	54.72	+3.5419-	.0193	-27	6	46.3	+14.600+	.348	96.7	2
7425	GC 29082	8.0		7	2.51	+3.7270-	.0271	-35	32	41.5	+14.608+	.366	96.6	2
7426	CZ 161	6.0		7	4.22	+3.7586-	.0285	-36	50	4.7	+14.610+	.369	97.7	2
7427	Br 2753	5.6		7	21.60	+3.5595-	.0201	-28	1	38.3	+14.627+	.349	97.7	8
7428	L 8734	7.2		7	29.19	+3.5038-	.0180	-25	15	23.6	+14.634+	.343	98.8	2
7429	CZ 187	8.7		7	38.76	+3.5041-	.0180	-25	17	9.5	+14.644+	.343	93.5	3
7430	CZ 189	7.2		7	39.69	+3.4636-	.0165	-23	10	21.1	+14.645+	.339	98.8	2
7431	CZ 203	7.9		8	0.93	+3.6007-	.0218	-30	4	28.6	+14.666+	.352	96.7	2
7432	CZ 202	7.8		8	2.97	+3.7298-	.0274	-35	47	12.9	+14.668+	.364	97.7	2
7433	CZ 205	8.6		8	4.32	+3.6660-	.0246	-33	3	51.6	+14.669+	.358	96.7	2
7434	CZ 206	9.0		8	5.12	+3.5726-	.0207	-28	44	47.6	+14.670+	.349	91.8	2
7435	GC 29118	7.0		8	17.04	+3.4522-	.0161	-22	37	27.2	+14.682+	.336	98.7	2
7436	CZ 207	8.5		8	18.29	+3.6628-	.0245	-32	57	3.2	+14.683+	.358	97.7	2
7437	CPD-31° 6481	8.3		8	29.97	+3.6229-	.0228	-31	10	10.1	+14.695+	.353	98.8	2
7438	CZ 219	8.1		8	46.47	+3.4638-	.0166	-23	17	27.3	+14.711+	.337	96.6	2
7439	CZ 220	8.1		8	51.13	+3.6313-	.0232	-31	35	46.4	+14.716+	.353	97.7	2
7440	CZ 224*	7.8		8	53.99	+3.5219-	.0188	-26	19	28.1	+14.719+	.342	98.7	2
7441	CZ 227	8.9		8	59.29	+3.6262-	.0230	-31	22	55.2	+14.724+	.353	96.6	2
7442	CZ 228	6.8		9	0.46	+3.6265-	.0230	-31	23	45.5	+14.725+	.353	96.6	2
7443	CZ 234	8.6		9	10.66	+3.6751-	.0252	-33	36	1.8	+14.735+	.357	98.8	2
7444	GC 29142	8.0		9	16.36	+3.4242-	.0152	-21	11	59.6	+14.741+	.332	98.7	2
7445	CZ 235	8.0		9	16.57	+3.7344-	.0278	-36	7	47.6	+14.741+	.363	97.7	2
7446	GC 29143	7.0		9	19.45	+3.4430-	.0159	-22	13	44.9	+14.744+	.334	98.8	2
7447	L 8742	6.1		9	33.41	+3.7455-	.0284	-36	37	32.0	+14.758+	.363	97.7	8
7448	CZ 247	7.8		9	39.55	+3.7280-	.0276	-35	55	9.9	+14.764+	.362	97.7	2
7449	$\phi$ Capricorni	5.4		9	56.46	+3.4207-	.0151	-21	4	0.4	+14.780+	.331	98.7	2
7450	CZ 260	7.5	21	10	5.64	+3.6419-	.0239	-32	13	50.2	+14.790+	.353	97.7	2

7418 8M6 2°5 228°

7440 Double 2°5 310°



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
7451	CZ 268	8.0	21 10 24.72	+3.7419-.0284	-36 35 24.2	+14.808+.362	97.7	2
7452	CZ 272	8.6	10 31.35	+3.5706-.0210	-28 55 34.3	+14.815+.344	96.6	2
7453	CZ 278	8.6	10 56.80	+3.8131-.0319	-39 28 5.9	+14.840+.368	96.6	2
7454	CZ 279	8.2	10 57.01	+3.6228-.0232	-31 27 31.6	+14.840+.349	97.7	2
7455	CZ 296	7.0	11 25.13	+3.6152-.0229	-31 9 49.1	+14.868+.347	97.7	2
7456	CZ 303	9.8	11 48.54	+3.7931-.0311	-38 49 14.2	+14.890+.364	96.7	3
7457	CZ 312	9.4	11 52.45	+3.5416-.0200	-27 38 49.6	+14.894+.339	96.8	2
7458	ε Microscopii	4.8	11 52.57	+3.6449-.0243	-32 35 26.5	+14.894+.350	97.7	8
7459	CZ 312	8.8	11 52.96	+3.5416-.0200	-27 38 44.9	+14.895+.339	94.8	5
7460	CZ 314	8.0	11 59.32	+3.6599-.0250	-33 16 54.0	+14.901+.351	98.7	2
7461	CZ 317	8.3	12 7.06	+3.5874-.0219	-29 55 42.0	+14.908+.343	93.4	3
7462	CPD-34° 8899	6.9	12 9.75	+3.6851-.0261	-34 25 0.8	+14.911+.353	98.8	3
7463	CZ 340	8.9	12 44.90	+3.4968-.0183	-25 26 41.9	+14.945+.334	96.7	2
7464	CZ 345	8.0	12 55.88	+3.5271-.0195	-27 2 4.9	+14.956+.337	96.7	2
7465	CZ 343	8.0	12 58.23	+3.8136-.0324	-39 46 7.8	+14.958+.364	96.7	2
7466	CZ 347	7.0	12 59.85	+3.6459-.0245	-32 46 32.0	+14.960+.348	97.7	2
7467	CZ 349	7.0	12 59.91	+3.5699-.0213	-29 11 3.1	+14.960+.340	96.7	3
7468	CZ 358	8.0	13 19.21	+3.6195-.0234	-31 35 55.8	+14.979+.344	97.6	2
7469	CZ 370	8.1	13 45.24	+3.4711-.0174	-24 11 29.1	+15.004+.329	96.6	2
7470	CZ 374	8.6	13 58.36	+3.6934-.0268	-35 0 56.0	+15.016+.350	96.7	2
7471	CZ 375	7.6	13 58.64	+3.5364-.0200	-27 37 50.9	+15.017+.335	98.7	2
7472	CZ 377*	7.5	13 58.90	+3.5195-.0193	-26 45 53.1	+15.017+.334	98.7	2
7473	CZ 390	6.8	14 12.95	+3.6460-.0247	-32 56 7.2	+15.031+.345	97.6	2
7474	CZ 396	7.9	14 16.71	+3.6098-.0231	-31 15 50.1	+15.034+.342	97.7	2
7475	CZ 400	7.6	14 19.58	+3.6013-.0228	-30 51 48.7	+15.037+.341	<sup>(97.7)</sup> (97.4)	4, 3
7476	CZ 398	7.6	14 21.65	+3.7181-.0280	-36 7 32.4	+15.039+.352	97.7	2
7477	CPD-30° 6486	9.2	14 32.48	+3.5999-.0228	-30 49 31.1	+15.049+.340	96.8	1
7478	CZ 409	8.4	14 39.84	+3.7400-.0292	-37 4 46.3	+15.057+.354	96.8	2
7479	CZ 414	8.6	14 46.45	+3.5240-.0196	-27 5 15.5	+15.063+.333	93.4	3
7480	CZ 423	8.0	14 52.96	+3.6106-.0233	-31 22 44.1	+15.069+.341	97.7	2
7481	CZ 427	8.1	14 56.85	+3.6094-.0232	-31 19 45.4	+15.073+.341	96.7	3
7482	CZ 429	8.2	14 59.26	+3.6140-.0234	-31 32 59.0	+15.075+.341	97.7	2
7483	CZ 443	8.2	15 17.82	+3.5178-.0194	-26 49 33.4	+15.093+.331	96.6	2
7484	Pi 75	7.2	15 22.24	+3.4147-.0154	-21 14 34.9	+15.097+.321	98.7	2
7485	Pi 78	6.8	15 52.98	+3.5710-.0217	-29 35 25.7	+15.127+.335	97.7	8
7486	CZ 460	8.9	16 2.91	+3.5302-.0200	-27 33 7.2	+15.136+.331	96.7	3
7487	CZ 471	8.8	16 29.72	+3.4594-.0172	-23 50 45.3	+15.162+.324	93.4	3
7488	CZ 469	7.8	16 32.58	+3.6929-.0273	-35 20 19.7	+15.165+.346	97.7	2
7489	CZ 477	8.7	16 41.31	+3.5230-.0198	-27 15 18.7	+15.173+.329	93.4	3
7490	CZ 479	7.0	16 44.32	+3.5743-.0220	-29 51 38.6	+15.176+.334	98.7	2
7491	CZ 478	8.2	16 45.92	+3.6641-.0260	-34 5 40.4	+15.177+.343	97.7	2
7492	CZ 485	8.2	17 4.60	+3.6019-.0232	-31 14 29.7	+15.195+.336	96.7	3
7493	CZ 489	8.5	17 9.53	+3.5467-.0209	-28 31 33.8	+15.200+.331	96.7	2
7494	Pi 87	5.7	17 16.63	+3.4443-.0167	-23 5 45.6	+15.207+.321	98.7	2
7495	CZ 492	9.2	17 20.96	+3.8090-.0332	-40 12 19.2	+15.211+.355	96.6	2
7496	CZ 515	7.0	18 7.45	+3.4890-.0186	-25 37 48.3	+15.255+.324	98.7	2
7497	GC 29322	6.5	18 24.54	+3.4436-.0168	-23 10 31.5	+15.271+.319	98.7	2
7498	CZ 524	7.6	18 26.22	+3.4950-.0189	-25 59 22.0	+15.272+.324	98.8	2
7499	Br 2778	5.5	18 29.40	+3.4100-.0155	-21 16 36.8	+15.276+.315	98.8	2
7500	CZ 528	7.2	21 18 29.92	+3.4594-.0174	-24 3 45.6	+15.276+.320	98.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
7501	CZ 526	7.2	21 18 32.30	+3.6879-.0274	-35 23 47.0	+15.278+.342	97.6	2
7502	CZ 531	7.0	18 33.92	+3.4737-.0180	-24 51 2.2	+15.280+.321	96.6	2
7503	CZ 535	7.6	18 38.19	+3.4529-.0172	-23 43 10.5	+15.284+.319	98.1	3
7504	CZ 549	7.5	19 8.59	+3.6835-.0274	-35 17 4.8	+15.312+.340	97.7	2
7505	CZ 558	8.5	19 21.94	+3.5032-.0193	-26 32 6.0	+15.325+.323	96.7	2
7506	CZ 557	8.5	19 24.79	+3.6992-.0281	-36 0 48.1	+15.328+.341	97.7	2
7507	Yarn 9603	8.8	19 33.04	+3.4507-.0172	-23 41 43.2	+15.335+.318	96.7	2
7508	GC 29349	8.0	19 40.76	+3.7042-.0285	-36 16 2.1	+15.343+.341	98.8	2
7509	GC 29350	8.4	19 44.86	+3.4560-.0174	-24 0 27.4	+15.347+.318	96.7	2
7510	CZ 575	8.2	19 55.59	+3.4770-.0183	-25 11 16.8	+15.357+.319	96.7	2
7511	CZ 577	7.5	20 0.35	+3.4857-.0187	-25 40 9.0	+15.361+.320	98.7	2
7512	CZ 579	6.8	20 3.31	+3.4597-.0176	-24 15 10.0	+15.364+.318	98.7	2
7513	L 8808	5.7	20 7.97	+3.7499-.0308	-38 15 40.8	+15.368+.345	97.7	8
7514	CZ 583	8.2	20 17.76	+3.7163-.0292	-36 52 28.7	+15.377+.341	97.7	2
7515	CZ 586	7.5	20 21.39	+3.4711-.0181	-24 54 55.7	+15.381+.319	98.7	2
7516	CZ 588	8.8	20 26.12	+3.5209-.0202	-27 35 58.1	+15.385+.323	94.3	4
7517	GC 29375	7.2	20 41.67	+3.4088-.0156	-21 25 51.1	+15.400+.313	98.8	2
7518	CZ 596	8.9	20 43.14	+3.7037-.0286	-36 23 30.5	+15.401+.339	96.7	2
7519	CZ 598	7.6	20 43.87	+3.5854-.0231	-30 55 12.7	+15.402+.328	97.7	2
7520	CZ 602	8.1	20 48.39	+3.5557-.0218	-29 26 35.1	+15.406+.325	93.5	3
7521	† Capricorni	3.9	20 57.56	+3.4329-.0166	-22 50 40.1	+15.415+.313	97.7	8
7522	CZ 611	8.0	21 9.33	+3.6782-.0275	-35 20 8.1	+15.426+.336	97.8	2
7523	CZ 614*	8.5	21 15.96	+3.7224-.0297	-37 16 23.3	+15.432+.340	97.8	2
7524	CZ 624	8.0	21 31.17	+3.6329-.0254	-33 18 26.0	+15.446+.331	97.8	2
7525	CZ 625	7.8	21 31.48	+3.5906-.0234	-31 16 46.4	+15.446+.327	97.7	2
7526	Br 2787	6.0	21 34.73	+3.4106-.0158	-21 37 43.1	+15.449+.310	98.7	2
7527	CZ 628	8.0	21 40.35	+3.6098-.0243	-32 13 48.5	+15.454+.329	97.8	2
7528	CZ 630	7.8	21 40.82	+3.5287-.0207	-28 9 38.8	+15.455+.321	96.7	2
7529	CZ 648	8.2	22 27.08	+3.6164-.0248	-32 39 23.0	+15.498+.328	97.7	2
7530	CZ 650	8.1	22 29.68	+3.5044-.0197	-26 58 21.1	+15.500+.318	96.6	2
7531	GC 29410	7.8	22 30.84	+3.4180-.0162	-22 9 12.2	+15.501+.310	98.7	2
7532	CZ 662	7.8	22 53.19	+3.4869-.0190	-26 4 46.5	+15.522+.315	95.1	3
7533	Br 2790	4.6	23 1.34	+3.4186-.0162	-22 14 33.5	+15.529+.309	98.7	2
7534	L 8825	5.6	23 5.35	+3.5943-.0238	-31 40 28.1	+15.533+.325	97.7	8
7535	CZ 675	9.0	23 16.51	+3.5165-.0204	-27 43 13.2	+15.543+.317	96.6	2
7536	CZ 679	8.2	23 27.63	+3.6088-.0246	-32 25 51.4	+15.554+.325	97.7	2
7537	CZ 684	8.5	23 29.99	+3.5809-.0233	-31 3 54.5	+15.556+.323	93.5	3
7538	CZ 690	8.7	23 37.06	+3.4522-.0177	-24 13 51.8	+15.562+.311	<sup>(95.1)</sup> (94.3)	3, 4
7539	CZ 692	8.9	23 42.00	+3.5128-.0203	-27 34 30.8	+15.567+.316	95.1	3
7540	CZ 696	9.2	23 45.59	+3.4698-.0184	-25 14 14.7	+15.570+.312	96.7	2
7541	CZ 708	8.8	24 22.61	+3.6925-.0288	-36 26 11.0	+15.604+.331	96.6	2
7542	CZ 727	7.2	24 39.54	+3.4749-.0187	-25 37 51.2	+15.620+.311	98.7	2
7543	CZ 729	7.8	24 48.89	+3.7036-.0295	-36 59 13.5	+15.628+.332	97.7	2
7544	CZ 733	7.7	24 56.83	+3.4836-.0191	-26 8 55.2	+15.635+.311	95.1	3
7545	CZ 737	8.9	25 8.15	+3.5394-.0216	-29 10 4.1	+15.646+.316	96.7	2
7546	CZ 739	8.6	25 10.93	+3.5094-.0203	-27 34 40.5	+15.648+.313	96.7	2
7547	CZ 750	8.1	25 33.71	+3.6681-.0278	-35 31 1.1	+15.669+.327	97.7	2
7548	CZ 762	8.0	25 51.33	+3.5929-.0242	-31 59 17.0	+15.685+.320	97.8	2
7549	CZ 766	8.1	25 53.17	+3.4742-.0188	-25 44 27.8	+15.687+.309	96.6	2
7550	CZ 771	7.0	21 26 4.61	+3.4758-.0189	-25 51 10.0	+15.697+.308	98.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	" "	° ' "	" "		
7551	Br 2794	6.0	21 26 11.76	+3.6416-.0266	-34 23 7.8	+15.703+.323	97.7	9
7552	CZ 777	8.4	26 19.95	+3.4719-.0188	-25 40 5.0	+15.711+.308	93.4	3
7553	CZ 780	8.8	26 33.07	+3.6490-.0271	-34 47 2.7	+15.723+.323	96.6	2
7554	Pi 161	6.3	26 47.69	+3.4596-.0183	-25 1 55.9	+15.736+.306	97.7	9, 8
7555	CZ 792	8.2	26 52.92	+3.4518-.0180	-24 35 33.4	+15.741+.305	95.1	3
7556	GC 29511	8.0	27 33.73	+3.3914-.0155	-21 7 7.4	+15.778+.298	98.7	2
7557	CZ 810	8.1	27 33.74	+3.6588-.0277	-35 23 3.9	+15.778+.322	97.2	4
7558	CZ 813	7.7	27 38.64	+3.5174-.0210	-28 19 51.7	+15.782+.310	96.7	3
7559	Anon	9.3	27 41.25	+3.5171-.0210	-28 19 30.2	+15.784+.309	96.7	1
7560	CZ 832	8.5	28 18.08	+3.5159-.0210	-28 20 34.4	+15.817+.308	96.6	2
7561	CZ 836	8.8	28 25.15	+3.5053-.0205	-27 47 1.0	+15.824+.307	96.7	2
7562	GC 29524	9.2	28 26.80	+3.6318-.0266	-34 14 57.5	+15.825+.318	96.6	2
7563	CZ 837	7.5	28 32.07	+3.6931-.0297	-37 5 29.5	+15.830+.324	96.8	3
7564	CZ 852	6.5	28 59.21	+3.5479-.0226	-30 8 24.9	+15.854+.310	98.7	2
7565	CZ 855	6.8	29 10.70	+3.6404-.0271	-34 46 19.1	+15.865+.318	97.7	2
7566	GC 29543	8.0	29 14.25	+3.3847-.0154	-20 53 21.7	+15.868+.295	98.7	2
7567	Pi 184	7.0	29 32.79	+3.4342-.0175	-23 53 57.3	+15.884+.298	98.7	2
7568	CZ 887	9.1	30 14.10	+3.6734-.0290	-36 27 45.1	+15.921+.319	96.6	2
7569	CPD-35° 9092	8.2	30 15.94	+3.6550-.0281	-35 37 33.9	+15.923+.318	98.7	2
7570	Br 2802	5.8	30 23.13	+3.4797-.0196	-26 37 3.6	+15.929+.302	97.7	8
7571	CZ 902	8.8	30 45.42	+3.6687-.0289	-36 19 58.9	+15.948+.318	96.6	2
7572	Br 2803	6.0	30 48.66	+3.6088-.0258	-33 29 42.8	+15.951+.312	97.7	2
7573	CZ 906	7.5	30 51.89	+3.6683-.0289	-36 19 53.1	+15.954+.317	96.6	2
7574	CZ 920	7.9	31 9.03	+3.5220-.0217	-29 3 24.9	+15.969+.304	96.7	2
7575	CZ 929	8.8	31 34.00	+3.5029-.0208	-28 4 38.7	+15.991+.301	93.8	5
7576	CZ 933	9.1	31 39.99	+3.4825-.0199	-26 56 58.0	+15.997+.299	96.7	2
7577	CZ 943	8.5	32 11.58	+3.5785-.0246	-32 11 4.4	+16.024+.307	97.7	2
7578	CZ 949	7.6	32 25.26	+3.4623-.0191	-25 53 41.0	+16.036+.296	98.7	2
7579	CZ 958	7.8	32 41.82	+3.5050-.0211	-28 20 37.2	+16.051+.299	98.7	2
7580	CZ 967	8.2	32 57.53	+3.5796-.0247	-32 21 33.7	+16.065+.305	98.7	2
7581	CZ 971	6.2	33 5.43	+3.6146-.0265	-34 7 42.5	+16.072+.308	97.7	2
7582	CZ 983	7.6	33 14.23	+3.4435-.0183	-24 53 58.1	+16.079+.293	96.6	2
7583	CZ 985	6.8	33 18.95	+3.4928-.0206	-27 45 18.2	+16.083+.297	98.7	2
7584	CZ 1003	8.0	33 51.54	+3.6572-.0289	-36 17 39.2	+16.112+.310	96.6	2
7585	CD-24° 16761	10.0	34 8.20	+3.4266-.0176	-24 0 41.4	+16.126+.290	98.7	1
7586	CZ 1012	8.1	34 10.51	+3.4546-.0189	-25 40 27.4	+16.128+.292	93.5	3
7587	CZ 1014	8.4	34 15.66	+3.4204-.0174	-23 39 4.4	+16.133+.289	96.7	2
7588	CZ 1018	6.8	34 26.40	+3.6278-.0275	-34 59 5.1	+16.142+.307	96.7	3
7589	CZ 1019	8.8	34 27.27	+3.4450-.0185	-25 8 46.8	+16.143+.291	96.7	2
7590	CZ 1028	8.5	34 54.29	+3.6260-.0275	-34 58 24.4	+16.166+.306	97.6	2
7591	CZ 1033	8.6	35 0.57	+3.6491-.0287	-36 5 56.9	+16.171+.308	97.7	2
7592	CZ 1035	8.0	35 3.08	+3.5738-.0248	-32 22 35.9	+16.174+.301	97.7	2
7593	CZ 1039	6.4	35 15.48	+3.6470-.0286	-36 2 19.9	+16.184+.307	97.7	2
7594	CZ 1048	8.9	35 27.97	+3.4586-.0192	-26 5 2.1	+16.195+.290	93.5	3
7595	CZ 1052	7.2	35 41.78	+3.5836-.0252	-32 59 1.1	+16.207+.301	96.7	2
7596	GC 29671	7.8	35 51.04	+3.3966-.0165	-22 22 56.7	+16.215+.284	98.7	2
7597	GC 29675	7.9	35 54.38	+3.3922-.0163	-22 7 0.4	+16.218+.284	98.7	2
7598	CZ 1064	6.5	36 2.38	+3.4483-.0189	-25 33 23.7	+16.224+.288	98.7	2
7599	CZ 1065	8.1	36 5.65	+3.5580-.0242	-31 42 57.8	+16.227+.298	98.7	2
7600	CZ 1069	7.5	21 36 15.71	+3.5814-.0254	-32 57 43.9	+16.236+.299	97.4	3



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
7601	CZ 1075	8.2	21	36	16.20	+3.4403-	.0185	-25	6	30.4	+16.236+	.287	93.4	3
7602	CZ 1072	7.4		36	16.26	+3.4923-	.0210	-28	8	32.7	+16.236+	.292	96.7	2
7603	Br 2819	5.3		36	19.13	+3.4172-	.0175	-23	42	54.9	+16.239+	.285	97.7	8
7604	CZ 1079	8.8		36	23.85	+3.4883-	.0208	-27	55	32.1	+16.243+	.291	96.8	2
7605	CZ 1089	8.4		36	41.70	+3.6420-	.0287	-36	2	15.7	+16.258+	.304	97.7	2
7606	CZ 1105	9.2		37	3.93	+3.5938-	.0262	-33	42	54.1	+16.277+	.299	96.7	2
7607	CZ 1110	8.8		37	4.17	+3.4612-	.0196	-26	27	10.7	+16.277+	.288	96.7	2
7608	CZ 1125	8.9		37	36.13	+3.4602-	.0196	-26	28	10.8	+16.304+	.287	93.4	3
7609	CZ 1124	7.1		37	37.63	+3.5534-	.0242	-31	42	20.0	+16.306+	.294	97.8	2
7610	CZ 1130	8.9		37	44.91	+3.4718-	.0202	-27	10	23.6	+16.312+	.287	96.7	2
7611	CZ 1142	8.5		38	13.79	+3.4673-	.0200	-26	58	27.8	+16.336+	.286	96.7	2
7612	L 8896	6.9		38	20.33	+3.7002-	.0323	-39	0	23.0	+16.342+	.306	97.8	8
7613	CZ 1152	8.9		38	28.63	+3.4981-	.0215	-28	47	36.5	+16.349+	.288	93.5	3
7614	CZ 1154	8.4		38	37.39	+3.6361-	.0288	-36	4	19.9	+16.356+	.300	97.8	2
7615	CZ 1157	7.0		38	49.25	+3.6960-	.0322	-38	53	59.2	+16.366+	.304	96.7	2
7616	CZ 1159	7.8		38	49.31	+3.4389-	.0187	-25	22	0.7	+16.366+	.283	96.7	2
7617	ι Piscis Aust	4.4		38	59.53	+3.5831-	.0260	-33	28	54.9	+16.375+	.294	97.7	8
7618	CZ 1168	8.6		39	4.67	+3.4616-	.0198	-26	45	29.9	+16.379+	.284	96.7	2
7619	CZ 1173	8.1		39	14.90	+3.4644-	.0200	-26	56	59.9	+16.388+	.284	96.7	2
7620	CZ 1178	7.6		39	25.74	+3.3997-	.0170	-23	1	20.2	+16.397+	.278	96.8	3
7621	CZ 1186	7.1		39	40.71	+3.4914-	.0214	-28	35	11.2	+16.410+	.285	98.7	2
7622	CZ 1188	7.7		39	43.58	+3.5017-	.0219	-29	11	1.6	+16.412+	.286	95.1	3
7623	CZ 1192	8.1		39	56.95	+3.4626-	.0200	-26	56	49.8	+16.423+	.283	93.4	3
7624	CZ 1208	6.8		40	27.92	+3.5725-	.0257	-33	10	30.8	+16.449+	.291	97.8	2
7625	CZ 1219	8.6		40	46.82	+3.6305-	.0289	-36	10	8.0	+16.465+	.297	97.7	2
7626	CZ 1232	8.4		41	16.75	+3.4361-	.0189	-25	32	0.7	+16.490+	.278	96.6	2
7627	CZ 1257	8.8		41	51.25	+3.4484-	.0195	-26	22	16.5	+16.518+	.278	96.7	2
7628	θ Piscis Aust	5.1		41	52.14	+3.5346-	.0239	-31	21	40.3	+16.519+	.285	97.7	8
7629	CZ 1259	7.2		41	54.27	+3.4792-	.0211	-28	12	46.5	+16.521+	.280	96.6	2
7630	CZ 1266	8.0		42	9.01	+3.5603-	.0253	-32	48	20.7	+16.533+	.287	97.7	2
7631	CZ 1270	9.0		42	11.58	+3.6283-	.0291	-36	18	11.4	+16.535+	.292	96.7	2
7632	CZ 1276	8.8		42	14.07	+3.4133-	.0179	-24	14	56.2	+16.537+	.274	93.5	3
7633	CZ 1280	7.2		42	25.64	+3.4466-	.0195	-26	20	26.9	+16.547+	.277	96.7	2
7634	CZ 1284	8.4		42	29.72	+3.4170-	.0181	-24	31	9.8	+16.550+	.274	94.3	2
7635	CZ 1288	8.9		42	34.94	+3.4673-	.0206	-27	36	27.2	+16.554+	.278	95.2	3
7636	CZ 1291	8.6		42	44.08	+3.4517-	.0198	-26	41	50.0	+16.562+	.276	96.8	2
7637	CZ 1296	9.5		42	52.29	+3.5029-	.0224	-29	44	22.2	+16.568+	.280	96.7	2
7638	CZ 1305	8.9		43	5.93	+3.4483-	.0197	-26	32	37.1	+16.580+	.276	93.4	3
7639	CZ 1307	8.2		43	11.59	+3.6207-	.0288	-36	6	4.1	+16.584+	.290	97.8	2
7640	CZ 1310	8.2		43	16.34	+3.6174-	.0287	-35	57	1.6	+16.588+	.289	97.8	2
7641	CZ 1331	8.2		43	46.57	+3.5778-	.0265	-34	0	22.8	+16.613+	.285	97.7	2
7642	CZ 1334	9.0		43	54.65	+3.5148-	.0232	-30	35	5.1	+16.620+	.280	96.7	2
7643	CZ 1333	7.9		43	57.40	+3.6799-	.0324	-39	4	30.8	+16.622+	.293	96.7	3
7644	L 8934	7.3		44	7.89	+3.4677-	.0208	-27	52	10.4	+16.630+	.275	97.7	8
7645	CZ 1354	8.6		44	48.66	+3.4648-	.0207	-27	48	2.8	+16.663+	.274	96.6	2
7646	CZ 1359	8.0		44	59.73	+3.4743-	.0212	-28	23	57.5	+16.672+	.274	98.7	2
7647	CZ 1373	8.5		45	37.08	+3.5531-	.0255	-33	0	5.8	+16.703+	.279	97.7	2
7648	CZ 1379	6.7		45	43.11	+3.3978-	.0175	-23	44	8.8	+16.708+	.267	95.3	4
7649	CZ 1376	8.0		45	46.96	+3.6180-	.0292	-36	25	12.0	+16.711+	.284	96.7	2
7650	CZ 1408	8.0	21	46	43.12	+3.6155-	.0293	-36	28	8.7	+16.756+	.282	96.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
7651	CZ 1411	8.4	21 46 44.13	+3.4596-.0207	-27 47 3.9	+16.757+.270	96.6	2
7652	CZ 1414	8.8	46 52.26	+3.4558-.0205	-27 34 22.2	+16.763+.269	96.7	2
7653	CZ 1415	8.7	46 52.38	+3.4383-.0196	-26 29 29.7	+16.763+.268	93.5	3
7654	GC 29918	8.8	46 55.20	+3.3863-.0171	-23 8 58.0	+16.765+.264	96.8	2
7655	CZ 1422	7.3	47 13.06	+3.6316-.0303	-37 21 55.8	+16.780+.283	97.7	2
7656	CZ 1433	8.2	47 37.79	+3.6090-.0291	-36 18 11.2	+16.799+.280	96.7	2
7657	γ Gruis	3.2	47 52.54	+3.6387-.0309	-37 50 7.5	+16.811+.282	97.8	14
7658	CZ 1455	7.6	48 19.33	+3.6110-.0294	-36 31 59.2	+16.832+.279	97.8	2
7659	CZ 1464	9.1	48 40.11	+3.3869-.0173	-23 26 9.8	+16.849+.260	93.5	3
7660	CZ 1467	9.0	48 45.08	+3.4435-.0202	-27 6 23.8	+16.853+.265	95.1	3
7661	CZ 1470	8.8	48 48.06	+3.4792-.0221	-29 18 30.7	+16.855+.268	96.7	2
7662	CZ 1469	8.5	48 49.37	+3.5615-.0266	-34 1 17.4	+16.856+.274	97.7	2
7663	CZ 1494	8.4	49 23.38	+3.5800-.0278	-35 7 5.0	+16.883+.274	97.7	2
7664	CZ 1498	7.8	49 27.40	+3.5495-.0260	-33 28 45.5	+16.886+.273	97.7	2
7665	CZ 1511	8.8	49 48.93	+3.4156-.0188	-25 29 17.7	+16.903+.261	95.1	3
7666	CZ 1514	8.9	49 53.57	+3.4906-.0228	-30 10 25.8	+16.907+.266	96.7	2, 1
7667	A 17101	7.6	50 3.66	+3.3572-.0160	-21 36 44.9	+16.915+.256	98.7	2
7668	CZ 1517	6.8	50 5.80	+3.5054-.0237	-31 4 44.6	+16.916+.267	95.1	3
7669	CZ 1520	8.0	50 9.95	+3.5106-.0240	-31 23 52.5	+16.920+.268	98.7	2
7670	CZ 1525	8.4	50 20.88	+3.6183-.0303	-37 17 7.9	+16.928+.276	98.8	2
7671	L 8964	5.6	50 21.79	+3.6271-.0308	-37 43 39.6	+16.929+.276	96.8	3
7672	CZ 1541	7.6	50 48.34	+3.5168-.0244	-31 51 45.8	+16.949+.267	97.7	2
7673	CZ 1549	7.0	50 58.05	+3.5880-.0286	-35 50 4.6	+16.957+.272	97.7	2
7674	CZ 1559	8.4	51 4.00	+3.3974-.0181	-24 28 52.2	+16.962+.257	96.7	2
7675	CD-24° 16917	9.5	51 12.34	+3.3934-.0179	-24 14 11.7	+16.968+.256	98.7	1
7676	CZ 1562	8.5	51 12.77	+3.4625-.0215	-28 41 8.6	+16.968+.262	96.7	2
7677	CZ 1565	8.2	51 19.18	+3.5338-.0255	-32 56 9.9	+16.974+.267	97.7	2
7678	CZ 1566	8.1	51 19.76	+3.4346-.0200	-26 57 10.7	+16.974+.259	93.5	3
7679	CZ 1580	7.6	51 49.10	+3.5343-.0256	-33 3 10.4	+16.997+.266	97.7	2
7680	CZ 1589	8.5	52 2.44	+3.4748-.0223	-29 35 18.6	+17.007+.261	96.7	2
7681	CZ 1613	8.0	52 46.85	+3.5273-.0254	-32 49 56.9	+17.041+.264	97.7	2
7682	Pi 343	6.2	53 9.21	+3.3518-.0160	-21 39 36.5	+17.058+.249	97.8	2
7683	CZ 1639	8.2	53 33.87	+3.3901-.0180	-24 22 4.0	+17.077+.252	94.3	4
7684	L 8982	6.6	53 39.47	+3.3890-.0179	-24 18 37.3	+17.081+.252	97.7	8
7685	L 8984	6.8	53 40.40	+3.3750-.0172	-23 21 1.2	+17.082+.250	96.7	2
7686	CZ 1644	7.2	53 45.13	+3.4692-.0222	-29 32 3.3	+17.086+.257	98.7	3
7687	CZ 1650	7.4	53 50.93	+3.4462-.0210	-28 6 29.9	+17.090+.256	98.8	2
7688	CZ 1656	8.2	53 58.31	+3.5624-.0276	-35 1 45.9	+17.096+.264	97.8	2
7689	CZ 1655	9.8	53 58.46	+3.5955-.0297	-36 48 23.9	+17.096+.267	96.8	2
7690	CZ 1660	7.0	54 3.12	+3.4613-.0218	-29 5 48.6	+17.100+.256	98.8	2
7691	CZ 1662	7.2	54 5.87	+3.5089-.0245	-32 0 13.0	+17.102+.260	97.7	2
7692	CZ 1666	8.3	54 18.20	+3.4662-.0222	-29 26 55.2	+17.111+.256	96.7	2
7693	CZ 1682	8.6	54 50.54	+3.5408-.0266	-33 59 13.6	+17.136+.261	98.7	2
7694	CZ 1688	7.0	55 0.79	+3.5959-.0299	-37 2 6.8	+17.143+.265	97.7	4
7695	CZ 1689	8.1	55 3.60	+3.5752-.0287	-35 56 14.6	+17.145+.263	97.7	2
7696	CZ 1695	8.0	55 5.05	+3.3780-.0175	-23 46 29.1	+17.147+.248	95.1	3
7697	η Piscis Aust*	5.4	55 5.60	+3.4558-.0217	-28 56 0.3	+17.147+.254	97.7	4
7698	CZ 1696	9.1	55 6.99	+3.3789-.0176	-23 50 30.6	+17.148+.248	95.2	3
7699	CZ 1698	8.8	55 11.14	+3.4257-.0200	-27 0 13.0	+17.151+.251	96.8	2
7700	CZ 1708	8.0	21 55 33.19	+3.4020-.0188	-25 29 22.4	+17.168+.249	98.7	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.	Prec. and Sec. Var.		Epoch.	No. Obs.
		<b>M</b>	<b>h</b>	<b>m</b>	<b>s</b>	<b>s</b>	<b>s</b>	<b>°</b>	<b>'</b>	<b>"</b>		
7701	CZ 1706	7.0	21	55	34.21	+3.5441	-.0269	-34	18	50.6	+17.169+.260	96.7 2
7702	CZ 1725	7.4		56	8.85	+3.5729	-.0287	-36	1	38.7	+17.195+.261	96.7 2
7703	CZ 1726	7.9		56	10.58	+3.5518	-.0275	-34	51	50.0	+17.196+.259	97.7 2
7704	CZ 1738	8.6		56	29.75	+3.5770	-.0291	-36	18	53.2	+17.210+.260	96.7 2
7705	CZ 1744	8.0		56	35.82	+3.3794	-.0177	-24	5	52.5	+17.215+.245	96.7 2
7706	CZ 1749	7.0		56	43.21	+3.5110	-.0251	-32	36	58.6	+17.220+.255	97.7 2
7707	CZ 1756	7.0		56	59.09	+3.4339	-.0207	-27	50	54.5	+17.232+.249	98.7 2
7708	CZ 1768	7.8		57	26.91	+3.4278	-.0205	-27	32	1.0	+17.253+.247	98.7 2
7709	CZ 1766	6.8		57	28.20	+3.4972	-.0244	-31	55	40.2	+17.254+.252	97.7 2
7710	CZ 1770	7.1		57	30.20	+3.4720	-.0230	-30	23	12.1	+17.255+.250	98.7 2
7711	CZ 1783	7.5		57	53.86	+3.4621	-.0225	-29	49	47.1	+17.273+.249	97.7 4
7712	CZ 1790	8.2		58	12.04	+3.3930	-.0187	-25	18	7.9	+17.286+.243	93.5 3
7713	CZ 1791	8.1		58	12.78	+3.3934	-.0187	-25	19	47.1	+17.287+.243	91.8 2
7714	GC 30179	7.8		58	35.89	+3.3493	-.0164	-22	15	50.3	+17.304+.239	98.7 2
7715	Br 2881	6.4		58	38.04	+3.4689	-.0230	-30	24	3.6	+17.306+.248	98.8 2
7716	CZ 1806	7.8		58	46.79	+3.5661	-.0289	-36	10	52.5	+17.312+.255	97.7 2
7717	CZ 1809	7.4		58	49.53	+3.4070	-.0195	-26	22	5.0	+17.314+.243	96.7 2
7718	Pi 378	5.8		58	55.59	+3.4206	-.0203	-27	18	23.0	+17.318+.244	98.7 2
7719	CZ 1815	7.0		58	55.84	+3.4450	-.0217	-28	55	11.8	+17.319+.246	96.8 2
7720	CZ 1828	8.8		59	19.41	+3.3542	-.0168	-22	43	45.9	+17.336+.238	96.8 3, 2
7721	CZ 1837	9.1		59	32.63	+3.3811	-.0182	-24	41	41.4	+17.346+.240	93.5 3
7722	CZ 1841	8.6		59	43.25	+3.3698	-.0176	-23	55	15.8	+17.353+.239	96.7 2
7723	CZ 1844	8.2	21	59	48.49	+3.4780	-.0237	-31	11	37.1	+17.357+.246	98.7 2
7724	$\lambda$ Gruis	4.6	22	0	5.38	+3.6337	-.0336	-40	1	34.8	+17.370+.258	97.7 8
7725	CZ 1858	8.0		0	8.86	+3.5382	-.0275	-34	53	7.7	+17.372+.251	97.8 2
7726	CZ 1869	7.5		0	29.44	+3.4504	-.0222	-29	33	26.4	+17.387+.244	98.7 2
7727	CZ 1870	7.8		0	30.98	+3.4447	-.0219	-29	11	28.7	+17.388+.244	98.7 2
7728	CZ 1879	8.6		0	45.69	+3.3629	-.0173	-23	35	15.5	+17.399+.236	95.1 3
7729	CZ 1877	8.2		0	47.43	+3.4888	-.0245	-32	3	22.9	+17.400+.245	97.8 2
7730	CZ 1883	7.9		0	52.65	+3.3624	-.0173	-23	34	23.6	+17.404+.236	96.7 2
7731	CZ 1890	8.0		1	8.06	+3.4569	-.0227	-30	6	15.9	+17.415+.242	96.6 2
7732	CZ 1892*	8.2		1	10.98	+3.5486	-.0283	-35	41	32.5	+17.417+.249	97.8 2
7733	CZ 1897	8.1		1	14.52	+3.4772	-.0239	-31	25	12.8	+17.420+.244	97.8 2
7734	CZ 12	7.0		1	40.87	+3.3492	-.0167	-22	43	43.5	+17.439+.234	96.7 2
7735	CZ 18*	8.0		1	59.67	+3.4308	-.0213	-28	32	45.2	+17.452+.239	93.5 3
7736	CZ 19	8.1		2	0.55	+3.3780	-.0182	-24	52	48.1	+17.453+.235	96.8 2
7737	CZ 20	7.5		2	2.15	+3.4321	-.0214	-28	38	9.2	+17.454+.239	96.7 2
7738	CZ 22	8.9		2	4.85	+3.3716	-.0179	-24	26	0.8	+17.456+.234	96.8 2
7739	CZ 28	9.0		2	9.94	+3.3819	-.0185	-25	11	4.0	+17.460+.235	96.8 2
7740	CZ 36	8.9		2	26.04	+3.3526	-.0169	-23	6	8.6	+17.471+.232	96.7 2
7741	CZ 34	7.5		2	27.30	+3.5328	-.0276	-35	2	36.9	+17.472+.245	97.7 2
7742	$\mu$ Piscis Aust	4.6		2	33.04	+3.5062	-.0259	-33	28	35.5	+17.476+.243	97.7 8
7743	$\nu$ Piscis Aust	5.1		2	34.87	+3.5237	-.0270	-34	31	54.1	+17.477+.244	97.7 2
7744	CZ 41	8.0		2	35.28	+3.5054	-.0259	-33	26	4.9	+17.478+.243	96.8 2
7745	CZ 50	8.6		2	52.57	+3.5885	-.0313	-38	16	6.2	+17.490+.248	96.8 2
7746	CZ 51	7.2		2	53.04	+3.5073	-.0261	-33	36	56.3	+17.490+.243	96.8 2
7747	CZ 55	8.0		3	5.49	+3.4962	-.0254	-32	58	55.6	+17.499+.241	97.7 2, 1
7748	CZ 54	7.8		3	5.81	+3.5565	-.0293	-36	32	39.9	+17.500+.246	97.8 2
7749	CZ 58	7.0		3	6.99	+3.3947	-.0194	-26	15	30.9	+17.500+.234	95.3 4
7750	CZ 85	6.8	22	3	53.21	+3.3636	-.0177	-24	8	57.6	+17.533+.230	98.7 2

7732 35°7, 29°2.

7735 9M5 2° 150°



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		<b>M</b>	<b>h</b>	<b>m</b>	<b>s</b>	<b>s</b>	<b>s</b>	<b>°</b>	<b>'</b>	<b>"</b>	<b>"</b>	<b>"</b>		
7751	L 9036	5.5	22	4	5.31	+3.5179	-.0270	-34	30	24.0	+17.542	+.241	97.7	2
7752	CZ 94*	9.2		4	15.27	+3.3842	-.0189	-25	42	49.3	+17.549	+.231	96.7	2
7753	$\tau$ Piscis Aust	5.1		4	17.21	+3.4933	-.0254	-33	2	24.0	+17.550	+.239	96.7	2
7754	L 9040	7.0		4	18.18	+3.4279	-.0215	-28	47	2.1	+17.551	+.234	98.7	2
7755	CZ 99	9.2		4	21.59	+3.5504	-.0292	-36	28	3.8	+17.553	+.243	96.7	2
7756	CZ 103	8.7		4	28.15	+3.4184	-.0209	-28	9	42.0	+17.558	+.233	96.8	2
7757	CZ 106	7.5		4	38.56	+3.5809	-.0313	-38	14	19.7	+17.565	+.244	96.8	2
7758	CZ 110	7.8		4	42.32	+3.5126	-.0268	-34	19	1.8	+17.568	+.239	97.7	2
7759	CZ 120	8.7		4	56.24	+3.3597	-.0176	-24	2	40.4	+17.578	+.228	96.8	3
7760	CZ 127	7.8		5	18.20	+3.3746	-.0185	-25	12	18.3	+17.593	+.228	96.8	2
7761	Pi 419	6.0		5	29.46	+3.3279	-.0159	-21	43	24.8	+17.601	+.225	98.7	2
7762	A 17254	8.8		5	37.53	+3.3437	-.0168	-22	57	23.6	+17.606	+.226	96.8	3
7763	CZ 144	7.0		5	47.25	+3.4074	-.0205	-27	38	38.5	+17.613	+.230	96.7	2
7764	CZ 141	7.0		5	47.28	+3.5194	-.0274	-34	57	26.6	+17.613	+.238	96.7	2
7765	CZ 158	8.9		6	22.45	+3.4862	-.0254	-33	1	46.3	+17.638	+.234	97.7	2
7766	CZ 164	8.0		6	31.88	+3.4782	-.0249	-32	33	21.0	+17.644	+.233	97.7	2
7767	CZ 173	7.8		6	57.56	+3.4033	-.0204	-27	34	41.0	+17.662	+.227	98.7	2
7768	CZ 183	6.8		7	19.45	+3.3918	-.0197	-26	49	16.0	+17.677	+.226	96.6	2
7769	CZ 188	7.8		7	26.35	+3.3938	-.0199	-26	59	23.3	+17.682	+.226	93.4	3
7770	CZ 196	7.8		8	2.23	+3.5162	-.0277	-35	15	17.8	+17.706	+.233	97.7	2
7771	Pi 19	5.6		8	7.39	+3.3741	-.0188	-25	40	34.5	+17.710	+.223	97.7	8
7772	CZ 200	9.2		8	7.58	+3.4226	-.0217	-29	9	45.8	+17.710	+.226	96.8	2
7773	CZ 207	8.9		8	19.06	+3.3537	-.0176	-24	10	19.6	+17.718	+.221	96.8	2
7774	CZ 211	8.4		8	20.20	+3.3353	-.0166	-22	45	25.8	+17.719	+.220	94.2	2
7775	CZ 209	8.4		8	21.70	+3.4483	-.0234	-30	58	17.8	+17.720	+.228	97.7	4
7776	CZ 213	8.2		8	25.79	+3.3659	-.0184	-25	7	11.8	+17.723	+.222	94.4	2
7777	$\lambda$ Piscis Aust	5.4		8	38.76	+3.4083	-.0209	-28	15	45.3	+17.731	+.224	97.7	8
7778	Br 2923	5.4		8	46.68	+3.3193	-.0157	-21	34	18.6	+17.737	+.218	98.7	2
7779	GC 30386	7.5		8	47.11	+3.3192	-.0157	-21	34	21.6	+17.737	+.218	98.7	2
7780	CZ 228	8.4		8	55.31	+3.5429	-.0297	-37	2	52.9	+17.743	+.233	98.8	2
7781	CZ 229	9.6		8	59.04	+3.5365	-.0293	-36	41	2.5	+17.745	+.232	96.8	2
7782	CZ 237	7.6		9	11.64	+3.3560	-.0179	-24	30	1.2	+17.754	+.220	95.1	3
7783	CZ 247	8.0		9	33.68	+3.3811	-.0194	-26	27	51.2	+17.769	+.221	98.8	2
7784	CZ 252	8.8		9	42.84	+3.3677	-.0186	-25	29	10.0	+17.775	+.220	96.7	2
7785	CZ 266	8.2		10	11.59	+3.4632	-.0247	-32	21	31.3	+17.794	+.225	98.7	2
7786	CZ 270	8.8		10	18.79	+3.3367	-.0169	-23	12	26.0	+17.799	+.216	96.7	2
7787	CZ 286	7.9		10	33.86	+3.3399	-.0171	-23	30	26.8	+17.809	+.216	98.7	2
7788	CZ 284	9.0		10	33.98	+3.3825	-.0196	-26	45	24.6	+17.809	+.219	96.7	2
7789	CZ 295	9.6		10	51.17	+3.4242	-.0223	-29	50	17.9	+17.821	+.221	96.8	2
7790	Pi 37	6.4		11	0.50	+3.3765	-.0193	-26	23	46.2	+17.827	+.218	98.7	2
7791	CZ 302	7.9		11	3.78	+3.4401	-.0233	-30	59	12.4	+17.829	+.222	97.7	2
7792	CZ 308	8.6		11	15.66	+3.4959	-.0271	-34	42	47.6	+17.837	+.225	96.8	2
7793	CZ 312	6.7		11	20.77	+3.5042	-.0276	-35	15	30.9	+17.840	+.226	97.8	8
7794	CZ 314	9.0		11	24.89	+3.4341	-.0230	-30	38	54.0	+17.843	+.221	96.8	2
7795	CZ 316	6.9		11	26.05	+3.3396	-.0172	-23	38	13.1	+17.844	+.214	96.7	2, 1
7796	CZ 321	7.5		11	38.55	+3.3949	-.0206	-27	53	12.4	+17.852	+.218	93.5	3
7797	CZ 326	7.3		11	53.20	+3.4562	-.0245	-32	15	56.3	+17.862	+.221	98.2	4
7798	CZ 329	8.4		11	57.21	+3.3457	-.0176	-24	12	32.2	+17.865	+.214	97.8	2
7799	CZ 336	8.2		12	12.73	+3.4461	-.0239	-31	38	55.8	+17.875	+.220	98.7	2
7800	CZ 344	7.1	22	12	25.19	+3.5300	-.0297	-37	5	41.6	+17.883	+.225	97.8	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
7801	CZ 352	7.4	22 12 39.34	+3.3264-.0165	-22 47 53.4	+17.892+.211	96.7	2
7802	CZ 353	8.5	12 47.65	+3.4769-.0261	-33 50 27.8	+17.898+.221	96.7	2
7803	CZ 365	7.5	12 55.50	+3.3386-.0173	-23 49 47.6	+17.903+.211	98.7	2
7804	CZ 362	8.4	12 55.84	+3.4369-.0235	-31 10 15.9	+17.903+.218	98.7	2
7805	CZ 384	7.0	13 40.88	+3.4004-.0212	-28 42 34.9	+17.933+.214	97.7	4
7806	CZ 404	7.8	14 17.82	+3.4768-.0264	-34 11 22.2	+17.957+.218	97.7	2
7807	A 17340	7.5	14 29.49	+3.3190-.0163	-22 31 10.3	+17.964+.207	96.7	2
7808	CZ 424	7.2	14 57.62	+3.4872-.0273	-35 1 6.5	+17.983+.217	97.8	2
7809	CZ 429	8.9	15 12.54	+3.3557-.0186	-25 37 3.6	+17.992+.208	96.7	1
7810	CZ 435	8.7	15 19.34	+3.3256-.0168	-23 12 59.1	+17.997+.206	96.7	2
7811	CZ 441	8.9	15 39.63	+3.3548-.0186	-25 38 1.6	+18.010+.207	96.8	2
7812	CZ 443	8.5	15 46.57	+3.5063-.0288	-36 26 22.6	+18.014+.217	96.7	2
7813	Br 2940	5.4	16 5.38	+3.3105-.0159	-22 5 57.7	+18.026+.204	97.7	8
7814	CZ 453	7.6	16 10.59	+3.4828-.0272	-35 1 29.6	+18.029+.214	97.8	2
7815	CZ 458	7.7	16 17.67	+3.4820-.0272	-34 59 37.6	+18.034+.214	97.8	2
7816	CZ 461	8.0	16 20.33	+3.3560-.0188	-25 52 8.6	+18.036+.206	98.7	2
7817	CZ 478	8.8	16 56.76	+3.3807-.0205	-27 55 28.3	+18.059+.206	93.1	4
7818	CZ 484	8.2	17 3.89	+3.4095-.0224	-30 7 14.2	+18.063+.208	95.2	3
7819	CZ 489	9.2	17 7.40	+3.3457-.0182	-25 11 48.3	+18.065+.204	96.8	2
7820	CZ 486	8.9	17 10.89	+3.5492-.0324	-39 24 37.5	+18.068+.217	96.7	2
7821	CZ 493	8.6	17 16.90	+3.3815-.0206	-28 3 26.4	+18.072+.206	95.1	3
7822	CZ 499	8.0	17 36.56	+3.3587-.0191	-26 20 40.1	+18.084+.204	93.1	4
7823	Br 2945	5.6	17 56.54	+3.3445-.0183	-25 16 5.1	+18.097+.202	98.7	2
7824	CZ 520	8.0	18 30.67	+3.3631-.0196	-26 52 43.9	+18.118+.202	96.7	2
7825	CZ 521	8.8	18 34.46	+3.3924-.0215	-29 10 47.4	+18.120+.204	96.8	2
7826	CZ 526	7.0	18 43.37	+3.5463-.0326	-39 38 0.9	+18.126+.213	96.8	2
7827	CZ 531	8.6	18 54.79	+3.4545-.0259	-33 46 30.3	+18.133+.207	96.7	2
7828	CZ 540	7.2	19 2.24	+3.3250-.0172	-23 52 27.0	+18.138+.199	98.7	2
7829	CZ 544	7.0	19 10.84	+3.3674-.0199	-27 21 57.8	+18.143+.201	98.7	2
7830	CZ 561	8.8	20 4.44	+3.4518-.0260	-33 52 46.0	+18.176+.205	96.7	2
7831	CZ 563	9.0	20 8.11	+3.4852-.0284	-36 9 56.5	+18.178+.207	96.8	2
7832	CZ 583	9.0	20 38.57	+3.3340-.0180	-24 56 56.6	+18.197+.196	93.4	3
7833	Pi 91	6.1	20 38.97	+3.3250-.0174	-24 11 25.8	+18.197+.196	97.8	8
7834	CZ 604	9.2	21 26.88	+3.4918-.0292	-36 56 30.9	+18.227+.204	96.8	2
7835	CZ 617	8.2	21 50.15	+3.4181-.0239	-31 52 53.2	+18.241+.199	97.8	3
7836	CZ 616	8.0	21 50.20	+3.4205-.0240	-32 3 45.6	+18.241+.199	97.7	1
7837	CZ 623	7.0	22 4.71	+3.3542-.0195	-26 55 41.7	+18.249+.195	96.7	2
7838	GC 30634	9.4	22 14.96	+3.4288-.0247	-32 46 47.7	+18.256+.199	96.7	2
7839	CZ 626	8.0	22 21.61	+3.5298-.0324	-39 35 56.9	+18.260+.205	96.7	2
7840	GC 30637	9.2	22 28.28	+3.4280-.0247	-32 46 32.5	+18.264+.198	96.7	1
7841	$\nu$ Gruis	5.5	22 47.62	+3.5284-.0324	-39 38 17.6	+18.275+.204	97.8	8
7842	CZ 644	8.2	22 58.88	+3.4471-.0262	-34 16 54.3	+18.282+.199	97.8	2
7843	GC 30651	8.0	23 19.02	+3.3004-.0161	-22 34 52.9	+18.294+.189	96.8	2
7844	CZ 658	8.2	23 25.40	+3.3236-.0176	-24 38 34.6	+18.298+.190	96.8	2
7845	CZ 660	9.4	23 34.33	+3.4822-.0290	-36 51 55.9	+18.303+.199	96.8	2
7846	GC 30655	7.5	23 35.11	+3.3944-.0225	-30 30 22.9	+18.304+.194	96.8	4
7847	CZ 672	8.9	23 47.78	+3.3777-.0214	-29 14 11.9	+18.311+.193	96.8	2
7848	CZ 670	7.5	23 49.14	+3.4452-.0263	-34 21 45.3	+18.312+.197	96.8	2
7849	CZ 674	6.8	23 49.17	+3.3768-.0213	-29 10 14.3	+18.312+.193	98.7	2
7850	CZ 675	8.8	22 23 53.76	+3.3818-.0217	-29 35 26.0	+18.315+.193	93.4	3



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
7851	CZ 680	6.0	22	24	10.40	+3.3567	-.0200	-27	37	7.6	+18.325	+.191	98.7	2
7852	CZ 682	8.8		24	10.85	+3.3501	-.0195	-27	4	6.3	+18.325	+.190	93.5	3
7853	CZ 685	8.4		24	21.72	+3.3181	-.0174	-24	21	57.4	+18.331	+.188	96.8	2
7854	CZ 686	8.5		24	34.36	+3.3970	-.0229	-30	57	4.0	+18.339	+.192	97.8	2
7855	CZ 708	8.2		25	9.53	+3.4094	-.0239	-32	3	23.3	+18.360	+.192	97.8	2
7856	CZ 712	7.9		25	18.13	+3.3194	-.0176	-24	40	49.5	+18.364	+.186	93.5	3
7857	Pi 118	6.4		25	20.26	+3.3412	-.0191	-26	35	4.0	+18.366	+.188	97.8	8
7858	CZ 713	7.3		25	21.70	+3.4020	-.0234	-31	32	14.6	+18.366	+.191	98.3	4
7859	CZ 726	7.8		25	43.79	+3.3053	-.0167	-23	30	32.0	+18.380	+.185	96.7	2
7860	$\beta$ Piscis Aust	4.4		25	49.33	+3.4176	-.0247	-32	51	31.8	+18.383	+.191	97.8	8
7861	CZ 730	8.0		25	49.67	+3.4177	-.0247	-32	52	1.9	+18.383	+.191	97.7	2
7862	CZ 735	7.2		26	0.45	+3.4571	-.0278	-35	48	14.9	+18.389	+.193	97.8	2
7863	A 17443	8.6		26	5.52	+3.3008	-.0165	-23	11	13.5	+18.392	+.184	96.7	2
7864	CZ 749	8.5		26	26.67	+3.4003	-.0235	-31	40	57.6	+18.404	+.189	96.8	3
7865	CZ 750	8.6		26	30.87	+3.4642	-.0284	-36	26	4.8	+18.407	+.192	96.8	2
7866	CZ 753	8.2		26	40.50	+3.4512	-.0275	-35	33	42.3	+18.412	+.191	97.7	2
7867	CZ 755	9.4		26	46.45	+3.3676	-.0212	-29	8	25.8	+18.416	+.186	96.8	2
7868	CZ 759	8.9		26	59.54	+3.3560	-.0204	-28	13	31.8	+18.423	+.185	96.7	2
7869	CZ 763	8.2		27	10.64	+3.3198	-.0179	-25	7	54.0	+18.430	+.183	96.8	2
7870	CZ 771	8.9		27	24.94	+3.3326	-.0188	-26	19	6.6	+18.438	+.183	93.5	3
7871	CZ 772	7.5		27	33.49	+3.4491	-.0275	-35	39	11.7	+18.443	+.189	97.8	2
7872	CZ 775	8.0		27	44.04	+3.4526	-.0278	-35	57	21.9	+18.449	+.189	97.7	2
7873	CZ 786	7.0		27	56.80	+3.3766	-.0221	-30	10	48.4	+18.456	+.184	98.7	2
7874	CZ 793	7.8		28	4.18	+3.4300	-.0262	-34	23	28.2	+18.460	+.187	97.7	2
7875	CZ 801	8.4		28	17.95	+3.4527	-.0280	-36	7	11.8	+18.468	+.188	97.8	2
7876	CZ 803	7.2		28	25.81	+3.4060	-.0244	-32	39	27.4	+18.473	+.185	97.8	2
7877	CZ 809	8.9		28	34.16	+3.3508	-.0203	-28	10	4.3	+18.477	+.182	93.5	3
7878	CZ 810	8.0		28	37.30	+3.4435	-.0274	-35	32	29.1	+18.479	+.187	97.7	2
7879	CZ 817	6.8		28	44.76	+3.4382	-.0270	-35	11	28.4	+18.483	+.186	97.8	2
7880	CZ 818	9.0		28	46.92	+3.3490	-.0202	-28	3	48.5	+18.485	+.181	93.5	3
7881	CZ 822	8.3		28	53.00	+3.2938	-.0163	-23	7	6.0	+18.488	+.178	96.7	2
7882	CZ 843	9.2		29	31.25	+3.3471	-.0202	-28	5	2.5	+18.510	+.180	96.7	2
7883	CZ 855	9.1		29	56.02	+3.3453	-.0202	-28	2	8.1	+18.524	+.179	93.5	3
7884	Pi 146	6.0		30	6.44	+3.3057	-.0173	-24	30	29.0	+18.529	+.176	98.7	2
7885	CZ 866	7.8		30	10.89	+3.3777	-.0226	-30	51	12.9	+18.532	+.180	98.7	2
7886	CZ 873	9.3		30	20.09	+3.3560	-.0210	-29	3	55.9	+18.537	+.179	96.7	2
7887	GC 30804	7.5		30	27.40	+3.2727	-.0151	-21	27	5.4	+18.541	+.175	98.7	2
7888	CZ 887	9.2		30	43.09	+3.3163	-.0182	-25	38	7.3	+18.550	+.176	96.8	2
7889	L 9184	5.8		30	57.78	+3.3914	-.0238	-32	10	51.2	+18.558	+.179	96.7	3
7890	CZ 895	8.0		31	1.33	+3.3909	-.0238	-32	9	35.1	+18.560	+.179	96.7	3
7891	GC 30820	7.7		31	20.36	+3.2725	-.0151	-21	36	29.1	+18.570	+.172	98.8	1
7892	CZ 911	8.5		31	26.81	+3.3247	-.0189	-26	34	18.4	+18.574	+.175	96.7	2
7893	CZ 922	9.0		31	50.82	+3.4511	-.0288	-37	1	41.4	+18.587	+.181	96.8	2
7894	CZ 930	8.8		31	57.63	+3.3538	-.0212	-29	17	33.7	+18.591	+.175	96.8	2
7895	GC 30832	7.0		32	3.90	+3.2638	-.0146	-20	53	45.2	+18.594	+.170	98.7	2
7896	CZ 932	7.8		32	7.65	+3.3564	-.0214	-29	33	49.7	+18.596	+.175	96.8	2
7897	CZ 938	7.2		32	22.16	+3.4090	-.0255	-33	59	18.3	+18.604	+.177	97.7	2
7898	CZ 946	8.7		32	29.51	+3.2858	-.0162	-23	9	43.4	+18.608	+.170	93.5	3
7899	CZ 948	7.9		32	34.83	+3.3369	-.0200	-27	57	47.9	+18.611	+.173	97.5	5
7900	CZ 952	8.2	22	32	40.98	+3.3170	-.0185	-26	10	28.7	+18.614	+.172	96.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
7901	CZ 951	8.0	22 32 43.68	+3.4236-.0268	-35 13 36.7	+18.616+.178	97.7	2
7902	CZ 965	7.0	33 9.82	+3.4830-.0319	-39 40 31.3	+18.630+.180	96.8	2
7903	CZ 969	6.9	33 11.08	+3.3498-.0211	-29 16 3.0	+18.631+.173	98.7	2
7904	L 9197	5.6	33 12.55	+3.4011-.0251	-33 36 6.4	+18.631+.175	97.8	8
7905	CZ 988	8.4	33 38.45	+3.2831-.0162	-23 9 24.2	+18.645+.168	96.8	2
7906	CZ 999	6.6	34 10.22	+3.3421-.0207	-28 50 43.2	+18.662+.170	96.8	2
7907	CZ 1002	7.8	34 12.47	+3.3422-.0207	-28 52 5.6	+18.663+.170	96.8	2
7908	GC 30874	9.1	34 12.79	+3.3422-.0207	-28 52 3.1	+18.664+.170	96.8	2
7909	CZ 1005	7.8	34 16.90	+3.4236-.0272	-35 41 43.7	+18.666+.174	97.7	2
7910	CZ 1022	8.2	34 44.65	+3.3902-.0246	-33 9 36.4	+18.681+.172	97.7	2
7911	L 9205	6.0	34 47.62	+3.3666-.0227	-31 10 27.7	+18.682+.170	96.8	2
7912	CPD-21° 8168	9.7	34 49.94	+3.2674-.0152	-21 51 8.2	+18.683+.165	96.7	2
7913	CZ 1036	8.0	35 5.99	+3.3543-.0218	-30 11 43.2	+18.692+.169	96.8	2
7914	ε Piscis Aust	4.2	35 7.57	+3.3253-.0196	-27 33 55.1	+18.693+.167	97.8	8
7915	CZ 1039	7.5	35 15.46	+3.3806-.0240	-32 30 45.7	+18.697+.170	96.8	2
7916	CZ 1043	9.0	35 28.95	+3.2881-.0168	-24 5 9.9	+18.704+.165	94.4	2
7917	CZ 1048	6.8	35 36.10	+3.2874-.0168	-24 2 30.0	+18.708+.164	98.1	3
7918	CZ 1054	7.8	35 51.83	+3.3055-.0182	-25 52 21.7	+18.716+.165	96.8	2
7919	CZ 1055	8.2	35 54.63	+3.3254-.0197	-27 46 44.4	+18.717+.166	96.8	2
7920	CZ 1071	8.2	36 35.78	+3.4034-.0262	-34 48 0.9	+18.739+.169	97.7	2
7921	CZ 1081	7.8	36 46.79	+3.3242-.0198	-27 54 20.2	+18.745+.164	96.8	2
7922	Br 2991	6.1	36 48.44	+3.3455-.0215	-29 53 1.0	+18.745+.165	97.8	8
7923	CZ 1093*	8.4	37 16.85	+3.3695-.0235	-32 9 15.2	+18.760+.165	98.7	2
7924	CPD-21° 8180	8.8	37 24.80	+3.2603-.0150	-21 42 8.3	+18.764+.160	96.7	2
7925	CZ 1101	8.8	37 28.31	+3.3355-.0208	-29 9 22.4	+18.766+.163	96.8	2
7926	Paris 32559	6.8	37 35.88	+3.2645-.0153	-22 10 52.8	+18.770+.159	97.8	8
7927	CZ 1113	8.0	37 46.19	+3.3036-.0183	-26 11 21.7	+18.775+.161	96.8	2
7928	CZ 1111	8.0	37 46.60	+3.4015-.0263	-35 0 45.9	+18.775+.166	97.8	2
7929	CZ 1131	8.4	38 23.54	+3.3869-.0253	-33 59 12.7	+18.794+.164	97.8	2
7930	CZ 1138	9.2	38 32.63	+3.3355-.0210	-29 27 16.3	+18.799+.161	96.8	2
7931	CZ 1144	8.6	38 53.31	+3.3583-.0230	-31 39 13.8	+18.809+.162	97.6	5
7932	CZ 1148	8.8	38 59.35	+3.3066-.0188	-26 49 1.3	+18.812+.159	94.8	5
7933	CZ 1158	9.0	39 33.61	+3.3152-.0196	-27 49 1.8	+18.830+.158	93.5	3
7934	CZ 1165	8.9	39 42.62	+3.2734-.0163	-23 37 40.9	+18.834+.156	93.5	3
7935	CZ 1170	8.3	39 58.00	+3.3656-.0238	-32 37 55.3	+18.842+.160	98.2	4
7936	Br 3004	6.3	40 3.34	+3.2932-.0179	-25 45 46.5	+18.844+.156	97.8	8
7937	CZ 1194	7.9	40 37.15	+3.3711-.0245	-33 19 30.1	+18.861+.159	97.7	2
7938	CZ 1198	9.2	40 45.27	+3.4100-.0279	-36 39 59.9	+18.865+.160	96.8	2
7939	CZ 1212	8.1	41 12.93	+3.3586-.0236	-32 23 40.4	+18.879+.157	98.7	2
7940	CZ 1215	7.2	41 17.98	+3.3730-.0248	-33 42 32.6	+18.881+.157	97.7	2
7941	CZ 1228	7.7	41 31.76	+3.3665-.0243	-33 11 59.3	+18.888+.157	96.8	2
7942	CZ 1232	6.2	41 42.67	+3.3827-.0258	-34 41 22.5	+18.893+.157	97.8	2
7943	CZ 1236	7.2	41 50.68	+3.3898-.0265	-35 21 8.5	+18.897+.157	97.8	2
7944	L 9251	6.9	42 6.15	+3.4304-.0302	-38 44 51.2	+18.905+.159	97.7	10
7945	CZ 1253	9.3	42 11.27	+3.2682-.0162	-23 41 57.4	+18.907+.150	96.8	3
7946	CZ 1260	6.4	42 26.92	+3.2934-.0183	-26 26 10.4	+18.915+.151	93.5	3
7947	CZ 1269	7.2	42 58.36	+3.3080-.0196	-28 5 21.7	+18.930+.151	96.8	2
7948	CZ 1270	7.6	43 3.84	+3.3845-.0263	-35 18 6.0	+18.933+.154	97.7	2
7949	CZ 1288	8.2	43 33.53	+3.2810-.0175	-25 26 58.7	+18.947+.148	93.5	3
7950	CZ 1294	8.1	22 43 43.71	+3.3428-.0228	-31 43 55.8	+18.952+.151	97.7	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
7951	CZ 1300	8.2	22	43	51.17	+3.3839-	.0265	-35	30	47.0	+18.955+	.153	97.7	2
7952	CZ 1304	6.9		43	51.71	+3.2634-	.0161	-23	37	16.1	+18.956+	.147	98.7	2
7953	CZ 1315	6.8		44	24.98	+3.3574-	.0243	-33	20	2.3	+18.971+	.150	97.7	2
7954	CZ 1318	9.1		44	26.82	+3.2935-	.0187	-27	1	50.2	+18.972+	.147	95.2	3
7955	CZ 1322	8.5		44	43.80	+3.3459-	.0233	-32	21	27.0	+18.980+	.149	97.7	2
7956	CZ 1324	9.0		44	47.68	+3.3918-	.0275	-36	31	18.2	+18.982+	.151	97.8	2
7957	Br 3015	6.0		45	50.18	+3.3188-	.0212	-30	3	57.7	+19.011+	.146	98.7	2
7958	CZ 1358	7.9		46	8.27	+3.3851-	.0273	-36	25	7.7	+19.020+	.148	97.7	2
7959	CZ 1367	7.8		46	34.96	+3.3693-	.0260	-35	9	54.2	+19.032+	.147	97.8	2
7960	CZ 1375	8.2		46	54.42	+3.3384-	.0232	-32	21	50.8	+19.041+	.144	97.8	2
7961	Anon	8.8		46	57.71	+3.3490-	.0242	-33	24	20.7	+19.042+	.145	97.7	2
7962	γ Piscis Aust	4.5		46	58.14	+3.3490-	.0242	-33	24	21.4	+19.042+	.145	97.8	8
7963	CZ 1385	7.9		47	11.85	+3.3110-	.0208	-29	42	45.8	+19.049+	.143	93.5	3
7964	CZ 1407	9.2		47	57.52	+3.3252-	.0223	-31	25	23.6	+19.070+	.142	96.8	2
7965	GC 31141	7.8		47	58.25	+3.2607-	.0165	-24	27	34.6	+19.070+	.139	98.7	2
7966	CZ 1419	8.2		48	40.98	+3.3195-	.0219	-31	5	23.9	+19.089+	.140	97.7	2
7967	CZ 1426	7.1		48	52.87	+3.2675-	.0173	-25	30	49.3	+19.094+	.137	98.8	2
7968	CZ 1434	8.0		49	11.82	+3.2841-	.0188	-27	28	25.6	+19.103+	.138	95.1	3
7969	CZ 1447	7.2		49	30.70	+3.2437-	.0153	-22	53	44.0	+19.111+	.135	94.3	4
7970	CZ 1448	6.5		49	38.23	+3.3763-	.0276	-36	55	16.7	+19.114+	.141	96.8	2
7971	CZ 1452	8.0		49	45.50	+3.2566-	.0165	-24	30	5.9	+19.118+	.135	96.8	2
7972	CZ 1463	6.4		50	20.31	+3.3244-	.0228	-32	9	58.1	+19.133+	.137	97.7	2
7973	δ Piscis Aust	4.3		50	24.65	+3.3330-	.0237	-33	4	26.5	+19.135+	.137	97.8	8
7974	CZ 1467	8.6		50	25.02	+3.2780-	.0185	-27	11	13.6	+19.135+	.135	96.8	3
7975	A 17666	7.9		50	33.83	+3.2898-	.0196	-28	33	22.9	+19.139+	.135	98.7	2
7976	CZ 1470	8.7		50	35.62	+3.3755-	.0279	-37	12	43.4	+19.140+	.139	97.8	4
7977	CZ 1477	8.0		50	49.91	+3.2554-	.0166	-24	41	2.7	+19.146+	.133	91.8	1
7978	CZ 1476	6.8		50	50.26	+3.3219-	.0227	-32	5	40.9	+19.146+	.136	96.8	3
7979	CZ 1478	8.8		50	51.11	+3.2528-	.0163	-24	22	58.1	+19.146+	.133	96.8	2
7980	α Piscis Aust	1.3		52	7.56	+3.2994-	.0209	-30	9	7.9	+19.179+	.132	97.8	17
7981	CZ 1501	8.0		52	13.77	+3.3328-	.0242	-33	43	53.3	+19.182+	.134	97.8	2
7982	GC 31220	9.0		52	20.82	+3.2678-	.0180	-26	37	58.1	+19.185+	.130	96.8	2
7983	CZ 1506	8.0		52	20.96	+3.2678-	.0180	-26	38	5.9	+19.185+	.130	94.3	4
7984	L 9316	7.2		53	1.05	+3.3531-	.0264	-36	3	19.2	+19.202+	.133	97.8	8
7985	L 9321	5.5		54	7.69	+3.2915-	.0206	-29	59	54.5	+19.229+	.128	98.8	2
7986	CZ 1560	8.0		54	16.33	+3.3059-	.0221	-31	39	44.5	+19.233+	.128	97.7	2
7987	Pi 267	5.8		54	40.94	+3.2536-	.0171	-25	41	53.7	+19.243+	.125	96.8	2
7988	CZ 1575	8.8		54	45.67	+3.2525-	.0170	-25	35	35.1	+19.245+	.125	96.7	1
7989	GC 31264	7.7		54	53.15	+3.2611-	.0179	-26	41	8.7	+19.248+	.125	97.3	4
7990	GC 31267	6.5		54	59.17	+3.2565-	.0175	-26	9	43.8	+19.251+	.125	98.8	2
7991	GC 31268	8.4		54	59.93	+3.2606-	.0179	-26	40	7.9	+19.251+	.125	98.1	3
7992	CZ 1587	7.9		55	0.46	+3.2320-	.0152	-23	3	44.9	+19.251+	.124	95.1	3
7993	CZ 1586	8.5		55	2.38	+3.3075-	.0225	-32	7	43.5	+19.252+	.127	96.8	2
7994	CZ 1593	8.4		55	18.75	+3.2506-	.0170	-25	31	34.5	+19.259+	.124	94.3	4
7995	CZ 1599	8.7		55	30.71	+3.2287-	.0150	-22	47	50.6	+19.263+	.122	91.9	1
7996	L 9333	5.7		55	51.82	+3.2807-	.0200	-29	23	25.3	+19.272+	.124	98.7	2
7997	CZ 1608	8.1		55	57.50	+3.2733-	.0193	-28	32	46.7	+19.274+	.123	95.6	4
7998	CZ 1611	7.2		56	0.42	+3.2316-	.0153	-23	19	37.7	+19.275+	.122	96.7	2
7999	CZ 1612	8.6		56	0.94	+3.2493-	.0170	-25	36	44.0	+19.276+	.122	95.2	3
8000	CZ 1614	9.4	22	56	7.24	+3.3460-	.0268	-36	36	47.3	+19.278+	.126	96.8	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		<b>M</b>	<b>h</b>	<b>m</b>	<b>s</b>	<b>s</b>	<b>s</b>	<b>°</b>	<b>'</b>	<b>"</b>	<b>"</b>	<b>"</b>		
8001	CZ 1617	7.9	22	56	11.40	+3.2284-	.0150	-22	57	18.8	+19.280+	.121	96.8	2
8002	CZ 1635	8.8		56	48.89	+3.2473-	.0170	-25	37	56.0	+19.295+	.121	95.1	3
8003	CZ 1638	6.9		57	0.41	+3.3458-	.0271	-36	57	27.8	+19.299+	.124	96.8	2
8004	CZ 1644	8.1		57	6.01	+3.2349-	.0158	-24	7	7.9	+19.302+	.120	96.8	2
8005	CZ 1650	8.2		57	21.58	+3.3448-	.0271	-37	1	14.2	+19.308+	.123	97.7	2
8006	GC 31317	6.4		57	23.95	+3.2141-	.0139	-21	24	18.0	+19.309+	.118	98.8	2
8007	CZ 1659	8.0		57	42.58	+3.2942-	.0219	-31	40	51.8	+19.316+	.121	97.7	2
8008	$\pi$ Piscis Aust	5.1		57	58.06	+3.3257-	.0253	-35	17	23.6	+19.322+	.121	96.7	1
8009	CZ 1672	6.8		58	13.15	+3.2569-	.0182	-27	21	7.8	+19.328+	.118	98.8	2
8010	CZ 1673	7.0		58	16.34	+3.2864-	.0213	-30	59	2.2	+19.329+	.119	98.8	2
8011	CZ 1681	8.1		58	22.77	+3.3002-	.0228	-32	38	55.2	+19.332+	.120	97.8	2
8012	CZ 1685	9.0		58	40.62	+3.2849-	.0212	-30	58	19.2	+19.339+	.118	96.8	2
8013	CZ 1690	7.8		58	45.97	+3.3070-	.0236	-33	34	48.0	+19.341+	.119	97.8	2
8014	CZ 1693	7.5		58	50.00	+3.2207-	.0148	-22	46	21.4	+19.342+	.116	96.8	2
8015	CZ 1700	8.6		59	0.95	+3.2342-	.0161	-24	39	16.5	+19.346+	.116	96.8	2
8016	GC 31351	8.8		59	3.69	+3.2340-	.0161	-24	39	41.9	+19.347+	.116	96.8	2
8017	CZ 1705	8.0		59	10.37	+3.3036-	.0233	-33	21	24.0	+19.350+	.118	97.8	2
8018	CZ 1703	7.0		59	22.77	+3.3308-	.0264	-36	25	49.9	+19.355+	.119	96.8	4
8019	L 9359	6.8		59	25.65	+3.2559-	.0184	-27	40	30.7	+19.356+	.116	97.8	9
8020	CZ 1723	9.2		59	38.63	+3.2658-	.0195	-29	1	6.8	+19.361+	.116	96.8	2
8021	CZ 1732	7.5	22	59	52.98	+3.2335-	.0162	-24	53	23.2	+19.366+	.114	98.7	2
8022	CPD-31° 6726	8.2	23	0	0.82	+3.2835-	.0215	-31	21	2.6	+19.369+	.116	98.8	2
8023	CZ 1757	8.0		1	13.12	+3.2777-	.0212	-31	9	11.5	+19.396+	.113	97.9	2
8024	Br 3053	4.8		1	18.63	+3.2255-	.0157	-24	17	0.1	+19.398+	.111	97.8	8
8025	$\nu$ Gruis	5.6		1	19.69	+3.3511-	.0295	-39	25	58.8	+19.398+	.116	97.8	8
8026	CZ 9	7.0		1	31.41	+3.2722-	.0207	-30	35	19.4	+19.403+	.112	98.8	2
8027	GC 31395	8.0		1	47.85	+3.3116-	.0251	-35	24	25.0	+19.409+	.113	98.8	2
8028	CZ 16	8.5		1	53.02	+3.2888-	.0226	-32	47	57.8	+19.411+	.112	98.8	2
8029	CZ 19	8.2		1	56.30	+3.3052-	.0245	-34	45	4.6	+19.412+	.112	97.8	2
8030	CZ 20	8.5		2	1.98	+3.2845-	.0222	-32	20	37.1	+19.414+	.112	98.8	2
8031	CZ 22	8.6		2	4.58	+3.3212-	.0263	-36	36	45.2	+19.415+	.113	96.8	2
8032	CZ 25	9.2		2	10.69	+3.2587-	.0194	-29	7	30.8	+19.417+	.110	96.8	2
8033	GC 31407	8.9		2	16.60	+3.2712-	.0208	-30	46	25.3	+19.419+	.111	96.8	2
8034	Pi 305	5.8		2	56.55	+3.2580-	.0196	-29	21	49.4	+19.434+	.109	98.8	2
8035	CZ 53	6.9		3	30.23	+3.2344-	.0172	-26	22	15.9	+19.446+	.107	95.6	5
8036	CZ 55	8.8		3	34.47	+3.2437-	.0182	-27	41	40.6	+19.447+	.107	96.8	2
8037	CZ 63	9.0		3	47.67	+3.2206-	.0157	-24	29	26.6	+19.452+	.106	95.2	3
8038	CZ 76	6.2		4	20.58	+3.2482-	.0189	-28	37	51.0	+19.464+	.106	98.7	2
8039	Br 3065	4.9		4	34.51	+3.2086-	.0146	-22	59	58.0	+19.469+	.104	97.8	8
8040	CZ 86	7.9		4	42.92	+3.2533-	.0196	-29	29	16.4	+19.471+	.105	96.8	2
8041	CZ 88	8.3		4	47.58	+3.3039-	.0254	-35	56	28.9	+19.473+	.107	97.8	2
8042	CZ 98	8.0		5	13.97	+3.2760-	.0223	-32	43	17.4	+19.482+	.105	98.7	2
8043	L 9388	6.8		5	22.38	+3.2554-	.0200	-30	3	57.7	+19.485+	.104	97.8	8
8044	CZ 106	7.8		5	27.75	+3.2866-	.0236	-34	9	59.4	+19.487+	.105	97.8	2
8045	CZ 115	8.0		5	49.39	+3.2354-	.0178	-27	27	24.6	+19.494+	.102	94.3	4
8046	CZ 116	8.5		5	51.16	+3.2351-	.0178	-27	25	56.7	+19.495+	.102	95.1	3
8047	CZ 127	9.2		6	28.97	+3.2026-	.0143	-22	45	39.8	+19.508+	.100	95.1	3
8048	CZ 160	7.4		7	33.33	+3.2686-	.0223	-32	51	34.4	+19.529+	.100	97.7	2
8049	CZ 163	8.1		7	43.01	+3.2114-	.0156	-24	38	58.5	+19.532+	.098	93.5	3
8050	CZ 172	8.6	23	7	53.02	+3.2259-	.0173	-26	56	38.3	+19.536+	.098	96.8	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
		M	h	m	s	s	s	°	'	"	"	"		
8051	CZ 179	8.4	23	8	9.51	+3.2261-	.0174	-27	5	7.9	+19.541+	.097	96.8	3, 2
8052	CZ 202	9.0		9	3.89	+3.1973-	.0143	-22	55	16.7	+19.559+	.095	93.5	3
8053	CZ 205	8.0		9	9.54	+3.2358-	.0189	-29	0	10.3	+19.561+	.096	98.8	2
8054	CZ 215	8.0		9	23.73	+3.2162-	.0166	-26	6	26.1	+19.565+	.094	98.8	2
8055	CZ 235	7.6		9	59.12	+3.2102-	.0160	-25	23	48.4	+19.576+	.093	98.8	2
8056	CZ 237	9.0	10	6	9.5	+3.2806-	.0248	-35	45	6.4	+19.579+	.095	96.8	2
8057	CZ 244	6.8	10	20	38	+3.2413-	.0199	-30	23	32.2	+19.583+	.094	96.8	3
8058	CZ 248	8.7	10	31	64	+3.2828-	.0253	-36	15	49.2	+19.587+	.094	96.8	2
8059	CZ 254	8.4	10	34	62	+3.2634-	.0228	-33	41	35.2	+19.588+	.094	98.8	2
8060	CZ 255	7.8	10	37	02	+3.2821-	.0252	-36	13	43.2	+19.588+	.094	96.8	2
8061	CZ 272	6.9	11	10	72	+3.1972-	.0148	-23	46	13.0	+19.599+	.090	96.8	2
8062	CZ 277	7.3	11	17	25	+3.2305-	.0189	-29	13	45.7	+19.601+	.091	93.5	3
8063	CZ 287	6.8	11	46	62	+3.2274-	.0187	-28	58	52.9	+19.610+	.090	95.1	3
8064	CZ 316	9.2	12	50	94	+3.2243-	.0186	-29	1	55.1	+19.629+	.088	96.8	2
8065	CZ 322	8.0	13	7	64	+3.2234-	.0186	-29	1	20.6	+19.634+	.087	95.1	3
8066	γ Sculptoris	4.5	13	25	55	+3.2484-	.0220	-33	4	36.2	+19.639+	.087	97.8	8
8067	CZ 327	8.0	13	31	72	+3.2237-	.0188	-29	17	14.7	+19.641+	.086	95.2	3
8068	CZ 328	7.5	13	32	11	+3.2351-	.0203	-31	5	54.8	+19.641+	.087	96.8	2
8069	CZ 335	6.8	13	41	99	+3.2210-	.0185	-28	56	5.6	+19.644+	.086	98.8	2
8070	CZ 337	8.7	13	44	34	+3.2036-	.0162	-26	1	28.7	+19.645+	.085	96.8	2
8071	CZ 341	9.0	13	48	60	+3.1965-	.0154	-24	49	49.6	+19.646+	.085	93.6	3
8072	CZ 344	8.2	13	58	38	+3.2713-	.0254	-36	40	33.7	+19.649+	.087	97.8	3
8073	CZ 346	8.6	14	4	71	+3.2493-	.0224	-33	34	35.5	+19.651+	.086	98.8	2
8074	CZ 355	9.5	14	18	25	+3.2212-	.0187	-29	16	43.3	+19.655+	.085	96.8	2
8075	CZ 353	6.8	14	18	58	+3.2531-	.0230	-34	15	15.7	+19.655+	.086	96.8	2
8076	CZ 358	9.0	14	19	52	+3.2002-	.0160	-25	43	19.8	+19.655+	.084	96.8	2
8077	CZ 364	7.5	14	44	41	+3.1861-	.0143	-23	22	10.0	+19.662+	.083	95.2	3
8078	CZ 379	8.6	15	22	81	+3.2502-	.0231	-34	26	51.5	+19.673+	.083	97.3	4
8079	CZ 381	8.8	15	27	27	+3.1970-	.0159	-25	42	9.4	+19.674+	.082	96.8	2
8080	CZ 382	9.2	15	27	34	+3.1815-	.0139	-22	51	11.0	+19.674+	.081	95.2	3
8081	CZ 388	8.4	15	46	23	+3.1967-	.0159	-25	48	3.6	+19.680+	.081	94.3	2
8082	Pi 55	5.8	15	55	90	+3.2059-	.0172	-27	32	3.8	+19.683+	.081	97.8	8
8083	CZ 393	8.5	15	57	34	+3.2269-	.0201	-31	7	36.6	+19.683+	.082	96.8	2
8084	CZ 394	8.0	16	4	38	+3.1938-	.0156	-25	25	15.6	+19.685+	.080	96.8	2
8085	CZ 415	8.6	16	59	90	+3.2631-	.0258	-37	21	18.5	+19.700+	.080	97.8	2
8086	CZ 432	7.6	17	32	50	+3.1824-	.0145	-23	59	55.9	+19.709+	.077	94.3	4
8087	CZ 440	9.2	17	42	34	+3.2196-	.0198	-30	54	16.1	+19.712+	.078	96.8	2
8088	CZ 445	8.5	17	47	43	+3.2448-	.0235	-35	6	26.6	+19.713+	.078	97.7	2
8089	CZ 447	8.4	17	47	43	+3.1814-	.0145	-23	56	23.4	+19.713+	.077	96.8	2
8090	CZ 450	7.8	17	55	40	+3.1874-	.0153	-25	9	47.5	+19.715+	.076	96.8	3
8091	CZ 453	8.9	18	3	39	+3.1964-	.0166	-26	56	27.7	+19.717+	.076	96.8	3
8092	CZ 463	8.7	18	22	84	+3.2427-	.0235	-35	9	10.2	+19.722+	.077	97.7	2
8093	CZ 464	7.0	18	23	21	+3.2216-	.0204	-31	39	35.0	+19.722+	.076	97.7	2
8094	CZ 468	8.5	18	25	79	+3.2349-	.0224	-33	55	30.9	+19.723+	.077	97.8	2
8095	CZ 477	8.4	18	41	15	+3.1738-	.0137	-22	52	35.7	+19.727+	.075	95.1	3
8096	Pi 70	6.4	18	48	05	+3.1708-	.0133	-22	19	15.9	+19.729+	.074	98.7	2
8097	CZ 490	9.0	19	16	39	+3.2320-	.0223	-33	59	21.2	+19.736+	.075	97.8	2
8098	CZ 494	7.7	19	23	82	+3.1975-	.0173	-27	54	2.4	+19.738+	.074	95.1	3
8099	CZ 502	8.0	19	50	69	+3.2466-	.0249	-36	44	6.5	+19.745+	.074	97.8	2
8100	CZ 510	9.0	23	20	17.71	+3.2064-	.0189	-30	5	59.6	+19.752+	.072	96.8	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
8101	CZ 515	8.8	23 20 29.87	+3.2192-.0210	-32 34 25.1	+19.755+.072	97.8	2
8102	GC 31731	7.9	20 37.55	+3.1612-.0124	-21 9 39.4	+19.757+.070	98.7	2
8103	Br 3113	4.5	20 47.64	+3.1609-.0124	-21 11 24.9	+19.759+.070	98.8	2
8104	CZ 526	8.5	20 52.77	+3.1887-.0165	-27 2 52.7	+19.761+.070	96.8	2
8105	CZ 527	7.0	20 53.12	+3.1933-.0172	-27 58 29.2	+19.761+.071	98.8	2
8106	CZ 535	8.0	21 3.90	+3.1716-.0140	-23 37 16.8	+19.763+.070	96.8	3
8107	GC 31746	8.1	21 15.46	+3.1624-.0128	-21 44 25.2	+19.766+.069	98.8	2
8108	Pi 82	6.7	21 19.20	+3.1648-.0131	-22 17 27.1	+19.767+.069	97.8	8
8109	CZ 559	8.0	21 44.87	+3.1682-.0138	-23 16 24.7	+19.773+.068	98.8	2
8110	CZ 568	8.0	22 14.50	+3.1885-.0170	-27 49 44.1	+19.781+.068	95.1	3
8111	GC 31764	7.4	22 18.24	+3.2213-.0222	-34 10 32.5	+19.781+.068	96.8	2
8112	CZ 571	9.0	22 25.83	+3.2322-.0241	-36 10 15.6	+19.783+.068	96.8	2
8113	CZ 573	8.5	22 27.21	+3.1849-.0165	-27 13 44.2	+19.784+.067	95.2	3
8114	CZ 578	8.7	22 38.31	+3.1833-.0164	-27 0 13.2	+19.786+.067	93.5	3
8115	L 9485	6.2	22 38.75	+3.2309-.0238	-36 5 43.1	+19.786+.068	97.8	8
8116	CPD-31° 6787	8.4	22 47.29	+3.2046-.0198	-31 23 13.1	+19.788+.067	98.8	2
8117	CZ 594	7.0	23 8.50	+3.1770-.0156	-25 58 15.2	+19.793+.066	98.8	2
8118	CZ 605	8.4	23 31.54	+3.2048-.0202	-31 56 19.3	+19.799+.066	97.8	2
8119	CZ 615	7.8	23 48.66	+3.1884-.0176	-28 48 50.5	+19.803+.065	93.5	3
8120	GC 31806	7.6	25 0.53	+3.1566-.0130	-22 26 6.7	+19.819+.062	98.8	2
8121	CZ 643	8.0	25 12.52	+3.2279-.0251	-37 30 30.7	+19.821+.063	97.8	2
8122	L 9499	7.1	25 23.84	+3.1654-.0145	-24 44 54.9	+19.824+.061	97.8	8
8123	CZ 656	9.0	25 35.23	+3.2162-.0233	-35 39 28.9	+19.826+.062	96.8	2, 1
8124	CZ 662	8.0	25 55.06	+3.1967-.0201	-32 2 18.8	+19.831+.061	97.8	2
8125	CZ 663	8.9	25 55.91	+3.1777-.0168	-27 55 35.9	+19.831+.060	95.2	3
8126	CZ 668	8.8	26 13.31	+3.1838-.0180	-29 29 42.7	+19.835+.060	93.5	3
8127	CZ 667	8.5	26 14.18	+3.2197-.0243	-36 50 24.7	+19.835+.060	96.8	2
8128	CZ 673	8.4	26 22.68	+3.1943-.0199	-31 53 15.9	+19.837+.060	97.8	2
8129	Br 3126	6.2	26 27.49	+3.1512-.0125	-21 55 16.6	+19.838+.059	98.8	2
8130	GC 31841	7.5	26 34.26	+3.1504-.0124	-21 48 3.3	+19.839+.058	98.8	2
8131	CZ 687	8.8	26 39.46	+3.1689-.0156	-26 22 54.4	+19.840+.058	96.8	2
8132	CZ 688	6.8	26 39.91	+3.1685-.0156	-26 17 48.5	+19.840+.058	98.8	2
8133	CZ 689	9.0	26 43.94	+3.1742-.0166	-27 41 30.9	+19.841+.059	96.8	2
8134	CPD-34° 9268	8.7	26 59.05	+3.2033-.0218	-34 13 37.9	+19.844+.059	98.8	2
8135	CZ 700	8.4	27 11.03	+3.1956-.0206	-32 47 20.1	+19.847+.058	97.8	2
8136	$\beta$ Sculptoris	4.5	27 36.62	+3.2218-.0257	-38 22 16.2	+19.852+.058	97.8	8
8137	CZ 724	7.0	28 8.02	+3.1878-.0197	-31 50 30.8	+19.858+.056	97.8	2
8138	CZ 731	8.0	28 24.97	+3.2102-.0241	-36 49 0.8	+19.862+.056	96.8	2
8139	CZ 737	8.1	28 32.71	+3.2011-.0224	-35 3 52.6	+19.864+.056	97.8	2
8140	CZ 742	7.8	28 44.52	+3.1591-.0148	-25 24 46.1	+19.866+.054	94.4	4
8141	CZ 761	7.5	29 35.16	+3.1996-.0229	-35 38 11.4	+19.876+.053	96.8	2
8142	CZ 784	8.9	30 20.47	+3.1465-.0131	-23 9 50.1	+19.884+.051	95.2	3
8143	CZ 785	6.7	30 23.63	+3.1645-.0165	-28 2 21.0	+19.885+.051	96.6	5
8144	CZ 789	8.5	30 27.81	+3.2145-.0265	-39 30 23.9	+19.886+.052	96.9	2
8145	CZ 794	7.5	30 43.89	+3.1759-.0190	-31 11 55.3	+19.889+.051	96.8	3
8146	CZ 796	8.6	30 45.80	+3.1839-.0206	-33 10 34.6	+19.889+.050	97.8	2
8147	Pi 130	6.4	30 54.55	+3.1606-.0161	-27 25 46.6	+19.891+.050	97.8	8
8148	CZ 815	7.7	31 26.19	+3.1530-.0148	-25 47 32.8	+19.897+.049	96.8	2
8149	CZ 819	7.6	31 37.78	+3.1988-.0243	-37 21 12.6	+19.899+.049	96.8	2
8150	CZ 820	8.0	23 31 38.31	+3.1878-.0220	-34 54 10.8	+19.899+.049	97.8	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	" "	" ' "	" "		
8151	CZ 822	8.9	23 31 42.30	+3.1412-.0126	-22 35 39.8	+19.899+.048	95.1	3
8152	CZ 825	6.5	31 48.27	+3.1769-.0199	-32 25 28.7	+19.901+.048	97.8	2
8153	CZ 828	9.0	31 53.24	+3.1757-.0197	-32 13 12.3	+19.901+.048	97.8	2
8154	CZ 848	7.6	32 37.05	+3.1485-.0145	-25 25 48.8	+19.909+.046	98.8	2
8155	CZ 856	8.6	32 54.70	+3.1489-.0147	-25 46 26.1	+19.912+.046	95.1	3
8156	GC 31972	7.6	33 28.75	+3.1333-.0118	-21 25 16.4	+19.918+.044	98.8	2
8157	A 18038	7.0	34 2.80	+3.1352-.0124	-22 28 41.3	+19.924+.043	98.8	2
8158	CZ 895	8.0	34 7.35	+3.1745-.0210	-34 2 48.3	+19.924+.044	98.8	2
8159	CZ 907	7.3	34 28.35	+3.1361-.0128	-23 5 11.3	+19.928+.042	96.8	2
8160	CZ 908	7.1	34 34.22	+3.1699-.0203	-33 17 19.8	+19.929+.043	96.8	3
8161	CZ 915	8.0	34 59.68	+3.1532-.0168	-28 54 40.5	+19.933+.042	95.2	3
8162	CZ 917	8.9	35 3.12	+3.1548-.0172	-29 27 41.6	+19.933+.042	95.2	3
8163	CZ 922	7.0	35 11.70	+3.1456-.0152	-26 45 7.4	+19.935+.041	96.8	2
8164	$\mu$ Sculptoris	5.3	35 23.41	+3.1644-.0197	-32 37 33.3	+19.937+.041	97.8	8
8165	CZ 930	8.9	35 25.19	+3.1739-.0219	-35 14 58.5	+19.937+.041	96.8	2
8166	CZ 941	9.2	35 51.68	+3.1459-.0157	-27 31 12.5	+19.941+.040	94.4	2
8167	CZ 940	7.6	35 52.12	+3.1627-.0196	-32 37 35.0	+19.941+.040	96.9	6
8168	CZ 942	6.5	35 53.86	+3.1373-.0138	-24 42 52.4	+19.941+.040	98.8	2
8169	CZ 961	7.8	36 19.76	+3.1804-.0243	-37 59 14.8	+19.945+.039	96.9	2
8170	CZ 964	8.2	36 31.12	+3.1340-.0134	-24 9 51.7	+19.947+.038	96.8	2
8171	CZ 971	8.2	36 47.74	+3.1514-.0176	-30 10 41.8	+19.949+.038	96.8	2
8172	CZ 985	9.0	37 31.30	+3.1538-.0188	-31 47 6.8	+19.956+.037	96.8	2
8173	CZ 989	7.2	37 48.50	+3.1461-.0171	-29 35 53.6	+19.958+.036	98.8	2
8174	CZ 991	8.1	37 51.13	+3.1711-.0236	-37 20 22.9	+19.959+.036	98.8	2
8175	CZ 1004	8.0	38 7.76	+3.1575-.0203	-33 38 12.9	+19.961+.036	97.7	2
8176	CZ 1021	7.5	38 37.42	+3.1566-.0205	-33 58 57.0	+19.965+.034	97.7	2
8177	CZ 1036	7.0	39 16.77	+3.1337-.0150	-26 48 4.4	+19.970+.033	96.8	2
8178	CZ 1037	8.5	39 20.93	+3.1341-.0151	-27 1 48.3	+19.971+.033	96.8	2
8179	A 18088	8.1	39 37.97	+3.1311-.0145	-26 12 43.5	+19.973+.032	96.8	2
8180	CZ 1052	8.3	39 41.01	+3.1256-.0130	-24 3 34.1	+19.973+.032	96.8	2
8181	GC 32090	8.4	39 55.96	+3.1228-.0124	-23 11 4.9	+19.975+.031	93.5	3
8182	CZ 1059	9.3	40 11.22	+3.1552-.0217	-35 32 11.8	+19.977+.031	96.8	2
8183	CZ 1069	7.6	40 38.97	+3.1473-.0199	-33 28 57.8	+19.981+.030	97.8	2
8184	L 9582	6.0	40 44.71	+3.1693-.0265	-40 44 12.4	+19.981+.030	97.8	9
8185	CZ 1083	9.0	41 12.40	+3.1296-.0153	-27 27 16.5	+19.985+.029	95.1	3
8186	CZ 1087	8.7	41 16.38	+3.1204-.0126	-23 34 55.0	+19.985+.029	96.8	2
8187	CZ 1102	9.2	41 44.05	+3.1290-.0155	-27 52 38.4	+19.988+.028	96.8	2
8188	CZ 1107	9.1	42 1.93	+3.1356-.0178	-30 59 31.2	+19.990+.027	96.8	3
8189	CZ 1115	7.7	42 14.95	+3.1163-.0120	-22 49 42.5	+19.992+.027	96.8	3
8190	CZ 1125	8.3	42 42.71	+3.1429-.0208	-34 51 53.2	+19.995+.026	97.8	2
8191	CZ 1130	8.5	43 8.28	+3.1260-.0158	-28 27 3.5	+19.998+.025	{95.2} {94.3}	3, 2
8192	$\delta$ Sculptoris	4.6	43 43.10	+3.1246-.0159	-28 40 59.9	+20.002+.024	97.8	8
8193	CZ 1155	7.1	44 8.62	+3.1228-.0157	-28 24 31.9	+20.004+.023	95.2	3
8194	GC 32170	6.8	44 15.58	+3.1101-.0115	-22 10 13.4	+20.005+.023	98.8	2
8195	CZ 1160	8.0	44 20.53	+3.1296-.0183	-31 57 32.2	+20.005+.023	97.8	2
8196	CZ 1166	9.0	44 33.17	+3.1225-.0160	-28 53 50.5	+20.007+.022	96.8	2
8197	CZ 1172	7.0	44 38.77	+3.1161-.0139	-25 53 11.8	+20.007+.022	98.8	2
8198	CZ 1178	8.6	44 46.96	+3.1136-.0131	-24 43 17.7	+20.008+.022	95.2	3
8199	CZ 1184	8.0	45 1.93	+3.1231-.0167	-29 57 29.8	+20.009+.021	96.8	2
8200	CZ 1219	7.7	23 46 10.48	+3.1326-.0219	-36 35 14.4	+20.016+.019	96.8	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	" s	° ' "	" "		
8201	CZ 1221	7.9	23 46 16.39	+3.1246-.0189	-32 59 13.1	+20.016+.019	97.8	2
8202	L 9620	6.5	46 26.95	+3.1286-.0208	-35 14 49.3	+20.017+.018	97.8	8
8203	CZ 1234	7.8	46 37.39	+3.1254-.0197	-34 0 39.7	+20.018+.018	97.9	2
8204	CZ 1235	8.8	46 39.41	+3.1084-.0129	-24 38 23.0	+20.018+.018	93.5	3
8205	CZ 1239	7.0	46 43.14	+3.1243-.0195	-33 40 42.1	+20.018+.018	97.8	2
8206	CZ 1245	8.8	46 55.36	+3.1197-.0178	-31 37 56.4	+20.019+.018	97.8	2
8207	CZ 1251	9.0	47 10.28	+3.1118-.0149	-27 37 2.5	+20.021+.017	96.8	2
8208	CZ 1259	7.5	47 30.81	+3.1075-.0134	-25 32 31.4	+20.022+.016	96.8	2
8209	Pi 222	6.4	48 10.63	+3.1046-.0129	-24 47 6.8	+20.025+.015	97.7	8
8210	A 18157	7.4	48 29.09	+3.0986-.0105	-21 4 23.1	+20.027+.014	98.8	2
8211	CZ 1292	7.9	48 47.23	+3.1119-.0171	-30 54 44.8	+20.028+.014	95.6	5
8212	CZ 1300	7.8	49 10.78	+3.1057-.0147	-27 35 58.5	+20.030+.013	98.8	2
8213	CZ 1301	7.4	49 11.45	+3.1057-.0147	-27 35 58.2	+20.030+.013	98.8	2
8214	CZ 1302	8.7	49 11.96	+3.1114-.0176	-31 33 44.2	+20.030+.013	97.7	2
8215	GC 32258	9.0	49 29.61	+3.0995-.0120	-23 35 20.8	+20.031+.012	96.8	2
8216	Lal 46871	7.0	50 1.20	+3.0962-.0109	-21 56 8.2	+20.033+.011	98.8	2
8217	L 9643	6.0	50 6.40	+3.1094-.0182	-32 28 41.4	+20.033+.011	97.8	8
8218	CZ 1325	6.6	50 6.50	+3.1094-.0182	-32 26 27.3	+20.033+.011	97.7	2
8219	CZ 1336	8.2	50 30.00	+3.1170-.0232	-38 37 25.4	+20.035+.010	96.8	2
8220	L 9652	6.8	50 58.19	+3.0946-.0112	-22 32 56.3	+20.037+.009	97.8	8
8221	CZ 1356	6.6	51 20.85	+3.0966-.0130	-25 17 38.8	+20.038+.009	98.8	2
8222	CZ 1360	7.3	51 22.21	+3.1019-.0162	-30 3 57.7	+20.038+.008	93.5	3
8223	CZ 1372	6.0	51 58.73	+3.0966-.0142	-27 10 51.5	+20.040+.007	98.8	2
8224	GC 32306	6.4	52 1.76	+3.0909-.0104	-21 23 24.0	+20.040+.007	98.8	2
8225	CZ 1385	8.5	52 19.00	+3.1068-.0218	-37 15 44.0	+20.041+.007	98.8	2
8226	CZ 1390	7.5	52 28.38	+3.1021-.0190	-33 44 47.7	+20.041+.006	96.8	2
8227	CZ 1394	8.6	52 41.82	+3.0983-.0168	-30 59 57.5	+20.042+.006	96.8	2
8228	CZ 1399	8.5	52 53.50	+3.0953-.0150	-28 33 22.7	+20.042+.006	96.8	2
8229	CZ 1411	8.1	53 20.36	+3.0998-.0197	-34 50 30.8	+20.044+.005	97.7	2
8230	CZ 1412	7.6	53 22.63	+3.0905-.0124	-24 43 34.3	+20.044+.004	95.2	3
8231	CZ 1421	8.5	53 40.14	+3.0958-.0175	-32 2 10.6	+20.044+.004	97.7	2
8232	CZ 1423	8.0	53 41.73	+3.0926-.0148	-28 19 53.5	+20.044+.004	94.3	2
8233	L 9675	5.7	54 19.53	+3.0919-.0159	-30 2 31.1	+20.046+.003	98.8	2
8234	GC 32339	8.2	54 21.56	+3.0896-.0139	-27 4 51.1	+20.046+.003	96.8	2
8235	CZ 1439	8.3	54 21.71	+3.0896-.0139	-27 5 2.6	+20.046+.003	96.8	2
8236	CZ 1441	7.4	54 26.03	+3.0932-.0176	-32 14 45.4	+20.046+.002	97.7	2
8237	CZ 1445	8.4	54 33.18	+3.0954-.0201	-35 33 15.7	+20.046+.002	97.7	2
8238	CZ 1447	8.4	54 35.78	+3.0876-.0126	-25 12 6.0	+20.046+.002	96.9	2
8239	CZ 1448	8.2	54 36.18	+3.0930-.0179	-32 46 0.6	+20.046+.002	97.8	2
8240	CZ 1455	8.9	54 49.21	+3.0890-.0147	-28 15 45.7	+20.047+.002	96.8	2
8241	CZ 1459	8.0	55 1.39	+3.0942-.0208	-36 31 2.1	+20.047+.001	96.9	2
8242	CZ 1461	8.4	55 2.00	+3.0851-.0113	-23 9 4.6	+20.047+.001	95.2	3
8243	CZ 1478	8.3	55 24.25	+3.0859-.0132	-26 10 43.4	+20.048+.001	96.9	2
8244	CZ 1483	8.1	55 33.92	+3.0839-.0113	-23 13 27.0	+20.048+.000	96.9	2
8245	CZ 1488	8.0	55 47.20	+3.0873-.0162	-30 37 15.5	+20.049+.000	96.9	2
8246	CZ 1491	8.6	55 53.79	+3.0831-.0113	-23 19 55.0	+20.049+.000	95.2	3
8247	CZ 1492*	8.9	55 55.87	+3.0833-.0118	-23 59 33.5	+20.049.000	96.9	2
8248	CZ 1503	7.0	56 13.76	+3.0850-.0152	-29 16 53.4	+20.049-.001	98.8	2
8249	CZ 1519	8.9	56 42.79	+3.0822-.0132	-26 20 44.7	+20.050-.002	96.8	4
8250	L 9697	6.8	23 56 47.82	+3.0872-.0217	-37 47 8.5	+20.050-.002	97.8	8



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
8251	CZ 1526	8.0	23 56 56.42	+3.0835-.0166	-31 14 32.5	+20.050-.002	96.8	2
8252	♄ Sculptoris	5.0	57 12.39	+3.0822-.0158	-30 16 40.0	+20.051-.003	97.8	8
8253	CZ 1543	8.5	57 45.51	+3.0809-.0170	-31 54 50.5	+20.051-.004	97.8	2
8254	CZ 1545	8.2	57 47.79	+3.0804-.0161	-30 42 23.7	+20.051-.004	96.9	2
8255	CZ 1549	8.0	57 53.23	+3.0814-.0195	-35 18 8.9	+20.051-.004	97.8	2
8256	CZ 1554	6.7	58 0.20	+3.0781-.0120	-24 42 7.7	+20.051-.005	98.8	2
8257	CZ 1555	8.0	58 3.13	+3.0780-.0123	-25 8 43.4	+20.051-.005	96.8	2
8258	CZ 1556	8.5	58 5.52	+3.0796-.0168	-31 46 9.2	+20.051-.005	98.9	2
8259	CZ 1561	7.0	58 18.77	+3.0801-.0207	-36 48 30.8	+20.052-.005	97.8	2
8260	CZ 1563	8.2	58 23.97	+3.0796-.0202	-36 9 33.7	+20.052-.005	96.8	2
8261	CZ 1564	7.6	58 29.34	+3.0782-.0167	-31 38 57.6	+20.052-.006	97.8	3
8262	CZ 1567	8.1	58 32.13	+3.0774-.0148	-28 56 56.1	+20.052-.006	93.5	3
8263	CZ 1572	7.2	58 45.56	+3.0768-.0148	-28 57 1.4	+20.052-.006	<sup>(95.2)</sup> 96.8	3, 2
8264	CPD-30° 6843	7.0	59 4.96	+3.0759-.0160	-30 41 31.2	+20.052-.007	98.8	2
8265	CZ 1577	8.7	59 7.38	+3.0763-.0191	-34 58 16.0	+20.052-.007	98.8	2
8266	CZ 1581	9.0	59 11.69	+3.0748-.0114	-23 48 38.1	+20.052-.007	96.9	2
8267	GC 32414	6.5	59 13.32	+3.0753-.0153	-29 49 34.2	+20.052-.007	98.8	2
8268	GC 32415	7.5	59 16.02	+3.0752-.0154	-29 56 17.9	+20.052-.007	98.8	2
8269	CZ 1585	7.8	59 19.19	+3.0753-.0174	-32 43 12.0	+20.052-.007	97.7	2
8270	CPD-31° 6892	8.5	59 29.90	+3.0745-.0166	-31 43 34.0	+20.052-.007	98.9	2
8271	CZ 1584	8.8	59 30.06	+3.0750-.0214	-37 50 54.1	+20.052-.008	98.6	7
8272	CZ 1592	9.1	59 37.47	+3.0739-.0139	-27 49 1.5	+20.052-.008	96.8	3
8273	CZ 1597	8.4	59 45.50	+3.0736-.0176	-33 2 49.3	+20.052-.008	97.7	2
8274	CZ 1598	7.6	59 46.59	+3.0735-.0160	-30 48 49.1	+20.052-.008	96.8	3
8275	CZ 1599	8.0	59 47.43	+3.0735-.0172	-32 3 <sub>3</sub> 10.6	+20.052-.008	97.7	2
8276	CZ 1602	8.0	23 59 54.52	+3.0731-.0203	-36 34 26.5	+20.052-.008	96.8	2



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ZONE -2° TO +1°

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ZONE  $-2^{\circ}$  TO  $+1^{\circ}$ .

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
8277	-1 4527	10	0 0 42.02	+3.0726+.0010	- 1 44 5.4	+20.052-.010	99.8	2
8278	-0 4620	9.2	2 1 13	+3.0727+.0019	- 0 13 1.0	+20.051-.012	99.8	2
8279	+0 5087	9.1	2 12.46	+3.0730+.0026	+ 1 6 30.5	+20.051-.013	99.7	2
8280	-1 4530	9.6	2 16.48	+3.0725+.0015	- 0 54 45.9	+20.051-.013	99.8	2
8281	+0 2	9.1	2 31.77	+3.0725+.0024	+ 0 47 24.5	+20.051-.014	99.9	2
8282	-0 3	9.3	2 48.24	+3.0728+.0021	+ 0 14 1.8	+20.051-.014	99.7	2
8283	+0 7	9.2	3 41.79	+3.0730+.0024	+ 0 41 51.4	+20.050-.016	99.8	2
8284	-1 3	9.4	4 5.62	+3.0722+.0014	- 1 18 31.9	+20.049-.016	99.8	2
8285	-0 10	9.5	5 26.40	+3.0728+.0023	+ 0 13 11.4	+20.046-.019	99.7	2
8286	+0 9	9.3	6 4.78	+3.0732+.0026	+ 0 42 32.1	+20.045-.020	99.7	2
8287	-0 13	9.2	6 33.10	+3.0724+.0020	- 0 26 3.8	+20.044-.021	99.3	2
8288	-0 15	9.5	7 2.58	+3.0725+.0021	- 0 16 48.5	+20.043-.022	99.8	2
8289	+0 16	9.2	8 7.70	+3.0732+.0026	+ 0 34 37.4	+20.039-.024	99.7	2
8290	+0 17	9.0	8 24.52	+3.0730+.0025	+ 0 17 29.1	+20.039-.025	99.7	2
8291	-0 18	9.4	8 27.35	+3.0726+.0023	- 0 5 0.2	+20.038-.025	99.8	2
8292	+0 19	6.9	8 40.22	+3.0734+.0028	+ 0 49 39.5	+20.038-.026	99.4	2
8293	+0 21	8.7	8 53.80	+3.0730+.0025	+ 0 18 46.7	+20.037-.026	99.7	2
8294	-1 17	9.5	9 55.95	+3.0714+.0017	- 1 21 6.0	+20.033-.028	99.7	2
8295	-0 26	9.1	10 36.40	+3.0722+.0022	- 0 26 14.9	+20.031-.029	99.7	2
8296	+0 27	9.1	12 33.53	+3.0737+.0030	+ 0 46 5.3	+20.022-.033	99.3	2
8297	+0 28	6.4	12 39.49	+3.0742+.0032	+ 1 7 58.0	+20.022-.033	99.7	2
8298	-0 37	7.4	12 56.21	+3.0728+.0026	+ 0 3 38.9	+20.020-.034	99.7	2
8299	-1 27	9.2	14 36.57	+3.0711+.0021	- 1 6 6.9	+20.011-.037	99.8	2
8300	+0 37	9.0	0 14 54.52	+3.0736+.0030	+ 0 36 37.3	+20.010-.038	99.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
8301	-1 28	9.3	0 15 12.57	+3.0710+.0021	-1 6 8.4	+20.008-.038	99.8	2
8302	-1 30	9.3	15 22.35	+3.0711+.0022	-1 3 25.9	+20.007-.038	99.8	2
8303	+0 39	9.0	15 50.14	+3.0738+.0031	+0 38 17.7	+20.004-.039	99.3	2
8304	-1 40	9.3	18 14.61	+3.0712+.0024	-0 49 44.7	+19.989-.044	99.7	2
8305	-1 42	9.3	18 46.50	+3.0712+.0025	-0 48 50.5	+19.985-.045	99.8	2
8306	+0 48	8.9	18 46.75	+3.0746+.0034	+0 59 2.4	+19.985-.045	99.4	2
8307	+0 50	9.2	19 26.99	+3.0750+.0036	+1 9 53.2	+19.980-.046	99.9	2
8308	+0 52	9.1	20 18.51	+3.0744+.0034	+0 48 56.0	+19.973-.048	99.7	2
8309	+0 54	8.3	21 4.60	+3.0740+.0034	+0 36 38.4	+19.967-.050	99.4	2
8310	-0 63	6.4	21 29.64	+3.0714+.0028	-0 36 12.4	+19.964-.050	99.8	2
8311	+0 58	9.1	22 17.97	+3.0746+.0036	+0 50 44.7	+19.957-.052	99.7	2
8312	-0 64	9.3	23 1.39	+3.0714+.0028	-0 34 0.5	+19.951-.053	99.8	2
8313	-1 49	9.0	24 3.13	+3.0697+.0026	-1 13 4.7	+19.942-.055	99.8	2
8314	-0 72	9.5	24 30.86	+3.0711+.0029	-0 40 3.6	+19.937-.056	99.7	2
8315	+0 67	9.2	25 45.69	+3.0755+.0038	+1 3 45.4	+19.926-.059	99.4	2
8316	+0 70	8.7	26 48.52	+3.0753+.0039	+0 57 28.5	+19.915-.061	99.3	2
8317	+0 71	9.2	27 4.44	+3.0745+.0037	+0 38 9.5	+19.912-.061	99.3	2
8318	-0 85	9.3	28 45.01	+3.0706+.0031	-0 44 33.3	+19.894-.064	99.7	2
8319	+0 77	8.5	29 16.35	+3.0740+.0037	+0 27 3.8	+19.889-.066	99.3	2
8320	-0 87	9.4	29 39.99	+3.0714+.0033	-0 27 13.0	+19.884-.066	99.8	2
8321	+0 80	9.0	29 46.01	+3.0736+.0037	+0 16 48.6	+19.883-.066	99.7	2
8322	-1 68	5.9	30 24.70	+3.0694+.0030	-1 3 18.2	+19.876-.068	99.9	2
8323	+0 83	8.8	30 44.39	+3.0761+.0041	+1 4 21.5	+19.872-.068	99.3	2
8324	+0 85	9.2	31 7.75	+3.0754+.0040	+0 50 18.2	+19.867-.069	99.8	2
8325	-0 90	9.0	31 34.23	+3.0735+.0037	+0 13 50.7	+19.862-.070	99.8	2
8326	+0 87	9.6	32 5.99	+3.0753+.0041	+0 47 45.1	+19.856-.071	99.8	2
8327	-0 91	9.4	32 9.33	+3.0708+.0034	-0 34 56.5	+19.855-.071	99.8	2
8328	+0 90	9.1	32 38.85	+3.0763+.0042	+1 4 22.6	+19.849-.072	99.3	2
8329	-0 92	9.3	32 49.71	+3.0723+.0036	-0 6 42.8	+19.847-.072	99.9	3
8330	+0 93 <sup>1</sup>	9.9	33 14.96	+3.0759+.0042	+0 57 0.8	+19.841-.073	99.9	2
8331	+0 93 <sup>2</sup>	9.8	33 15.62	+3.0759+.0042	+0 57 10.8	+19.841-.073	99.9	2
8332	-0 94	9.4	33 32.42	+3.0731+.0038	+0 6 15.3	+19.838-.074	99.8	2
8333	+0 96	8.9	33 40.64	+3.0741+.0040	+0 23 53.1	+19.836-.074	99.8	2
8334	+0 98	8.5	34 40.07	+3.0744+.0040	+0 27 48.3	+19.823-.076	99.3	2
8335	+0 100	8.5	35 16.06	+3.0748+.0041	+0 35 6.0	+19.815-.077	99.4	2
8336	+0 101	8.9	35 42.89	+3.0750+.0042	+0 37 28.6	+19.809-.078	99.8	2
8337	-1 83	9.2	35 44.51	+3.0672+.0031	-1 30 40.5	+19.809-.078	99.9	2
8338	-0 100	9.1	36 14.80	+3.0733+.0040	+0 9 35.2	+19.802-.079	99.7	2
8339	-0 101	9.2	36 35.77	+3.0711+.0037	-0 26 7.0	+19.797-.080	99.9	2
8340	+0 104	9.0	36 45.90	+3.0774+.0046	+1 14 57.9	+19.795-.080	99.9	3
8341	+0 106	8.0	36 54.41	+3.0745+.0042	+0 28 32.0	+19.793-.080	99.4	2
8342	+0 107	8.3	36 59.18	+3.0746+.0042	+0 30 57.1	+19.792-.080	99.8	2
8343	-1 86	9.0	37 0.99	+3.0662+.0030	-1 45 10.2	+19.791-.080	99.9	2
8344	-0 104	9.3	37 21.32	+3.0703+.0036	-0 38 55.7	+19.786-.081	99.9	2
8345	+0 109	9.4	37 33.90	+3.0740+.0041	+0 20 40.8	+19.783-.082	99.8	2
8346	+0 110	9.4	37 40.23	+3.0760+.0044	+0 50 57.4	+19.782-.082	99.9	2
8347	+0 112	9.5	37 44.74	+3.0739+.0041	+0 18 15.8	+19.781-.082	99.8	2
8348	-0 107	9.5	39 14.40	+3.0703+.0037	-0 36 13.0	+19.759-.085	99.8	2
8349	-0 108	9.1	39 19.46	+3.0726+.0040	-0 1 20.4	+19.758-.085	99.7	2
8350	-0 109	7.1	0 40 1.79	+3.0715+.0039	-0 17 33.5	+19.747-.086	99.8	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
8351	-1 93	9.1	0 40 31.51	+3.0689+.0036	-0 55 52.8	+19.739-.087	99.3	2
8352	-1 97	9.1	41 26.97	+3.0669+.0035	-1 22 54.9	+19.725-.089	99.8	2
8353	+0 118	8.7	41 39.50	+3.0769+.0047	+0 59 50.5	+19.722-.090	99.4	2
8354	-0 114	9.5	42 14.61	+3.0698+.0038	-0 41 41.6	+19.712-.090	99.8	2
8355	-0 115	8.2	43 25.36	+3.0720+.0042	-0 9 46.6	+19.693-.093	99.8	2
8356	+0 123	9.3	43 36.26	+3.0748+.0045	+0 28 8.1	+19.690-.093	99.7	2
8357	-0 117	9.5	44 27.56	+3.0729+.0043	+0 2 35.2	+19.676-.095	99.3	2
8358	+0 127	9.2	44 45.77	+3.0777+.0049	+1 7 29.8	+19.671-.095	99.9	2
8359	-1 104	6.8	44 47.60	+3.0692+.0040	-0 46 8.7	+19.670-.095	99.8	2
8360	+0 128	8.9	45 3.79	+3.0757+.0047	+0 39 48.2	+19.666-.096	99.9	2
8361	-1 106	9.2	45 46.38	+3.0686+.0039	-0 53 12.0	+19.653-.097	99.7	2
8362	-1 107	9.1	45 58.17	+3.0655+.0036	-1 32 52.8	+19.650-.097	99.3	2
8363	+0 130	8.7	46 17.98	+3.0744+.0046	+0 22 0.2	+19.644-.098	99.9	2
8364	-1 111	9.5	47 17.70	+3.0648+.0036	-1 39 5.7	+19.627-.100	99.3	2
8365	+0 133	9.2	47 19.65	+3.0754+.0048	+0 33 17.8	+19.626-.100	99.8	2
8366	-1 114	4.9	47 53.80	+3.0645+.0037	-1 41 13.7	+19.616-.101	99.7	2
8367	+0 135	10	48 8.91	+3.0740+.0046	+0 15 54.4	+19.611-.102	00.0	2
8368	-1 115	9.1	48 16.15	+3.0663+.0039	-1 19 6.3	+19.609-.102	99.4	2
8369	+0 136	10	48 19.04	+3.0745+.0047	+0 21 21.7	+19.608-.102	00.0	2
8370	-0 132	9.4	48 28.57	+3.0699+.0042	-0 35 6.0	+19.605-.102	99.9	2
8371	+0 140	8.9	49 40.87	+3.0755+.0049	+0 33 32.3	+19.583-.105	99.7	2
8372	+0 142	8.3	49 53.77	+3.0740+.0047	+0 14 55.1	+19.579-.105	99.3	2
8373	-0 141	9.0	51 13.82	+3.0720+.0046	-0 8 40.6	+19.553-.108	99.3	2
8374	+0 146	9.1	51 42.76	+3.0787+.0053	+1 8 22.5	+19.544-.109	99.8	2
8375	+0 147	9.3	52 0.45	+3.0757+.0050	+0 34 33.7	+19.538-.109	99.7	2
8376	+0 148	8.0	52 6.16	+3.0770+.0051	+0 49 23.3	+19.536-.109	99.8	2
8377	+0 149	7.3	52 31.41	+3.0793+.0054	+1 14 39.8	+19.528-.110	99.8	2
8378	+0 152	9.0	52 55.29	+3.0761+.0051	+0 37 49.0	+19.520-.111	99.8	2
8379	+0 154	9.1	53 43.48	+3.0784+.0053	+1 3 18.1	+19.504-.112	99.9	2
8380	-0 150	9.0	54 0.59	+3.0727+.0048	+0 0 18.2	+19.498-.113	99.3	2
8381	+0 158	8.9	54 14.89	+3.0741+.0050	+0 14 47.5	+19.493-.113	99.8	2
8382	+0 159	7.8	54 15.79	+3.0740+.0049	+0 14 31.2	+19.493-.113	99.4	2
8383	-0 152	8.9	54 29.03	+3.0734+.0049	+0 7 53.9	+19.488-.114	99.8	2
8384	-1 126	9.3	54 37.18	+3.0666+.0043	-1 6 24.9	+19.485-.114	99.9	2
8385	-0 154	9.1	54 55.41	+3.0718+.0048	-0 9 32.7	+19.479-.114	99.8	2
8386	-1 128	9.2	55 5.95	+3.0637+.0040	-1 37 8.9	+19.475-.115	99.9	2
8387	+0 162	9.3	55 13.34	+3.0769+.0052	+0 44 46.8	+19.473-.115	99.8	2
8388	+0 165	8.9	56 23.46	+3.0780+.0054	+0 55 28.1	+19.448-.118	99.7	2
8389	-0 156	9.0	56 47.55	+3.0720+.0049	-0 7 11.7	+19.439-.118	99.8	2
8390	+0 170	9.1	58 6.22	+3.0757+.0053	+0 30 40.3	+19.411-.121	99.8	2
8391	+0 176	9.2	58 56.29	+3.0785+.0056	+0 58 17.8	+19.393-.122	99.8	2
8392	+0 178	9.0	59 28.12	+3.0772+.0055	+0 44 57.7	+19.381-.123	99.8	2
8393	-0 166	9.2	59 36.41	+3.0724+.0051	-0 3 15.2	+19.378-.123	99.9	2
8394	+0 179	8.8	0 59 40.10	+3.0790+.0056	+1 3 6.1	+19.376-.124	99.8	2
8395	+0 180	8.9	1 0 30.23	+3.0768+.0055	+0 39 55.1	+19.357-.125	99.8	2
8396	+0 181	9.2	0 55.78	+3.0799+.0057	+1 10 29.9	+19.348-.126	99.3	2
8397	+0 182	8.9	1 9.06	+3.0783+.0056	+0 54 46.7	+19.342-.126	99.3	2
8398	+0 185	8.5	2 4.48	+3.0778+.0056	+0 49 13.3	+19.321-.128	99.8	2
8399	+0 186	9.2	2 8.18	+3.0747+.0054	+0 19 16.9	+19.320-.128	99.9	2
8400	-1 149	9.3	1 2 27.50	+3.0623+.0044	-1 39 20.4	+19.312-.128	99.9	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
8401	-1 150	9.5	1 2 28.12	+3.0622+.0044	-1 40 55.9	+19.312-.128	99.9	2
8402	+0 188	9.0	2 35.79	+3.0782+.0057	+0 52 44.8	+19.309-.129	99.8	2
8403	+0 190	9.3	3 36.06	+3.0798+.0058	+1 6 18.7	+19.285-.131	99.3	2
8404	-0 176	9.3	3 51.57	+3.0731+.0053	+0 3 44.8	+19.279-.131	99.8	2
8405	+0 194	9.0	4 36.84	+3.0772+.0057	+0 41 33.1	+19.260-.133	99.8	2
8406	-0 178*	9.9	5 21.50	+3.0716+.0053	-0 9 49.7	+19.242-.134	99.9	2
8407	-1 155	9.5	6 40.33	+3.0629+.0047	-1 27 55.7	+19.210-.136	99.7	2
8408	+0 197	8.5	7 22.46	+3.0758+.0057	+0 27 18.9	+19.192-.138	99.4	2
8409	+0 198	8.5	7 53.69	+3.0765+.0058	+0 32 58.6	+19.179-.139	99.8	2
8410	+0 203	9.3	8 57.05	+3.0807+.0061	+1 9 13.9	+19.151-.141	99.8	2
8411	-0 189	8.8	9 24.23	+3.0701+.0054	-0 22 39.4	+19.140-.142	99.9	2
8412	-1 162	5.8	9 42.78	+3.0622+.0048	-1 30 32.1	+19.132-.142	99.4	2
8413	+0 207	8.8	9 56.06	+3.0777+.0060	+0 42 18.2	+19.126-.143	99.8	2
8414	+0 209	9.4	10 25.37	+3.0792+.0061	+0 55 30.0	+19.113-.144	99.9	2
8415	+0 210	6.7	10 27.50	+3.0754+.0058	+0 23 0.8	+19.112-.144	99.9	2
8416	+0 211	9.1	10 38.12	+3.0756+.0058	+0 24 36.5	+19.107-.144	99.4	2
8417	-1 164	9.7	11 37.46	+3.0657+.0052	-0 58 50.8	+19.081-.146	99.8	2
8418	-0 199	9.3	12 57.90	+3.0735+.0058	+0 6 20.4	+19.044-.148	99.9	2
8419	+0 216	8.8	13 20.36	+3.0760+.0060	+0 26 38.0	+19.034-.149	99.4	2
8420	-1 170	9.3	14 10.73	+3.0649+.0053	-1 2 56.9	+19.011-.150	99.8	2
8421	-1 171	6.0	14 41.49	+3.0650+.0053	-1 2 2.7	+18.997-.151	99.4	2
8422	-1 174	9.2	15 0.86	+3.0664+.0054	-0 50 18.6	+18.988-.152	99.9	2
8423	-1 175	9.6	15 28.20	+3.0642+.0053	-1 7 51.6	+18.975-.152	99.8	2
8424	-0 204	9.6	15 59.74	+3.0674+.0055	-0 42 33.6	+18.960-.154	99.8	2
8425	-1 177	9.0	16 7.62	+3.0602+.0051	-1 38 16.8	+18.956-.154	99.4	2
8426	-0 208	9.2	16 54.59	+3.0735+.0060	+0 6 0.3	+18.934-.156	99.9	2
8427	+0 223	6.5	17 27.99	+3.0820+.0065	+1 12 14.9	+18.917-.157	99.9	2
8428	+0 224	9.3	17 34.24	+3.0786+.0063	+0 45 32.9	+18.914-.157	99.8	2
8429	+0 226	9.3	17 48.15	+3.0822+.0065	+1 13 3.5	+18.908-.158	99.9	2
8430	+0 227	9.4	18 2.14	+3.0804+.0064	+0 59 18.2	+18.901-.158	00.0	2
8431	-0 212	8.5	18 6.66	+3.0731+.0060	+0 3 13.1	+18.899-.158	99.8	2
8432	+0 228	9.4	18 17.84	+3.0823+.0066	+1 13 39.8	+18.893-.158	99.8	2
8433	-0 216	9.4	18 50.45	+3.0707+.0059	-0 15 43.4	+18.877-.159	99.9	2
8434	-0 217	9.5	18 50.60	+3.0714+.0059	-0 10 10.1	+18.877-.159	99.9	2
8435	+0 230	10	19 0.69	+3.0766+.0062	+0 29 13.0	+18.872-.160	00.0	1
8436	+0 232	9.8	19 5.71	+3.0770+.0063	+0 32 28.4	+18.870-.160	99.9	2
8437	-1 183	9.2	19 40.61	+3.0612+.0053	-1 26 49.6	+18.852-.160	99.8	2
8438	-0 220	9.7	19 41.78	+3.0710+.0059	-0 12 57.8	+18.852-.160	99.9	2
8439	-1 184	9.2	20 4.49	+3.0602+.0053	-1 34 20.6	+18.841-.161	99.7	2
8440	-1 187	9.2	21 16.33	+3.0615+.0054	-1 23 20.2	+18.804-.163	99.3	2
8441	-0 226	10	21 19.78	+3.0725+.0061	-0 1 51.9	+18.803-.164	99.9	2
8442	-0 227	9.4	21 28.38	+3.0687+.0059	-0 29 37.1	+18.798-.164	99.9	2
8443	-0 236	9.1	23 28.45	+3.0697+.0060	-0 21 52.8	+18.737-.167	99.8	2
8444	-1 195	9.4	23 52.40	+3.0616+.0056	-1 20 2.7	+18.724-.168	99.8	2
8445	+0 244	9.2	25 48.10	+3.0759+.0065	+0 22 36.7	+18.663-.172	99.9	2
8446	+0 247	9.4	26 16.13	+3.0766+.0065	+0 27 30.3	+18.648-.173	99.8	2
8447	+0 250	9.2	26 58.25	+3.0826+.0069	+1 8 42.7	+18.625-.174	99.9	2
8448	-0 245	9.3	26 59.67	+3.0737+.0064	+0 6 39.1	+18.625-.174	00.0	2
8449	+0 253	9.0	27 51.06	+3.0771+.0066	+0 30 23.4	+18.596-.176	99.2	2
8450	+0 254	9.2	1 28 1.01	+3.0834+.0070	+1 13 4.3	+18.591-.176	00.0	2

8406 Variable. 1899 Sept. 17 not visible, Nov. 7 11<sup>M</sup>, Nov. 12 10<sup>M</sup>, Dec 20 9<sup>M</sup>.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	$^{\circ}$	M	h m s	s s	$^{\circ}$ ' "	" "		
8451	+0 255	9.5	1 28 7.66	+3.0834+.0070	+1 13 10.4	+18.588-.176	99.9	2
8452	-0 249	9.4	28 14.69	+3.0677+.0061	-0 34 39.0	+18.584-.176	99.8	2
8453	-0 251	9.2	29 8.64	+3.0667+.0061	-0 40 39.8	+18.554-.177	99.8	2
8454	+0 257	9.0	30 11.93	+3.0796+.0068	+0 46 7.2	+18.519-.180	99.4	2
8455	-1 211	9.7	30 48.03	+3.0641+.0060	-0 57 32.1	+18.499-.180	99.8	2
8456	-1 212	9.4	30 51.19	+3.0641+.0060	-0 57 37.3	+18.497-.180	99.8	2
8457	-1 213*	9.5	30 57.84	+3.0590+.0058	-1 30 58.1	+18.493-.180	99.9	2
8458	+0 260	9.3	31 40.32	+3.0812+.0070	+0 56 9.3	+18.469-.183	00.0	2
8459	-1 216	9.4	31 45.41	+3.0642+.0061	-0 55 52.8	+18.466-.182	00.0	2
8460	-1 219	7.0	32 9.41	+3.0649+.0061	-0 51 30.4	+18.453-.183	99.8	2
8461	-1 220	9.2	32 21.48	+3.0586+.0058	-1 32 49.8	+18.446-.183	99.8	2
8462	+0 263	9.2	33 2.57	+3.0791+.0069	+0 41 44.2	+18.422-.185	99.8	2
8463	-1 223	9.6	33 56.31	+3.0652+.0062	-0 48 28.3	+18.391-.186	99.8	3
8464	+0 267	8.9	34 23.48	+3.0768+.0068	+0 26 28.1	+18.375-.187	99.4	2
8465	-1 228	9.3	34 38.47	+3.0592+.0060	-1 26 50.3	+18.367-.187	99.9	2
8466	-0 259	9.0	35 16.76	+3.0674+.0064	-0 33 36.1	+18.344-.188	99.9	2
8467	+0 269	8.9	35 17.98	+3.0784+.0070	+0 35 57.1	+18.343-.188	99.9	2
8468	+0 272	8.8	36 9.50	+3.0750+.0068	+0 14 11.6	+18.313-.190	00.0	2
8469	-0 262	9.1	36 41.65	+3.0664+.0064	-0 39 57.6	+18.294-.191	99.8	2
8470	+0 273	8.8	36 41.87	+3.0783+.0070	+0 35 19.5	+18.294-.191	99.4	2
8471	+0 278	8.5	38 38.81	+3.0766+.0070	+0 23 58.8	+18.223-.195	99.9	2
8472	+0 279	9.6	38 53.98	+3.0786+.0071	+0 36 4.7	+18.214-.195	99.9	2
8473	-1 235	9.9	38 57.99	+3.0566+.0060	-1 39 6.1	+18.211-.194	00.0	3
8474	-0 265	8.5	39 28.98	+3.0711+.0067	-0 9 56.7	+18.192-.196	99.8	2
8475	-1 236	9.0	39 37.26	+3.0629+.0064	-1 0 13.1	+18.187-.196	99.9	2
8476	-1 237	9.1	39 51.70	+3.0574+.0061	-1 33 32.9	+18.178-.196	99.9	2
8477	-0 269	9.4	40 49.39	+3.0723+.0068	-0 2 30.4	+18.143-.198	99.9	2
8478	+0 287	9.4	41 52.35	+3.0776+.0071	+0 29 8.2	+18.103-.201	99.8	2
8479	+0 291	9.3	42 21.89	+3.0777+.0072	+0 29 33.0	+18.085-.201	00.0	2
8480	+0 292	9.1	42 58.51	+3.0830+.0074	+1 0 34.0	+18.062-.203	99.9	2
8481	-0 279	9.3	44 11.78	+3.0738+.0070	+0 6 31.6	+18.015-.204	99.8	2
8482	-1 248	9.4	44 20.04	+3.0632+.0066	-0 55 48.7	+18.010-.204	99.9	2
8483	-1 249	9.3	44 46.91	+3.0550+.0062	-1 43 5.8	+17.993-.204	99.9	2
8484	-0 281	9.5	44 50.18	+3.0654+.0067	-0 42 19.8	+17.990-.205	99.9	2
8485	-1 251	9.3	45 46.25	+3.0571+.0063	-1 30 21.3	+17.954-.206	99.9	2
8486	+0 298	9.2	46 17.47	+3.0823+.0075	+0 55 13.4	+17.934-.209	99.3	2
8487	-1 254	9.1	46 32.32	+3.0625+.0066	-0 58 44.3	+17.924-.208	99.9	2
8488	-0 286	9.8	47 16.43	+3.0732+.0071	+0 2 52.6	+17.895-.210	99.9	3
8489	+0 302	8.5	47 29.30	+3.0808+.0074	+0 45 50.3	+17.887-.211	99.4	2
8490	+0 303	9.7	48 1.97	+3.0834+.0076	+1 0 39.8	+17.865-.212	99.9	2
8491	-0 290	9.4	48 55.79	+3.0694+.0070	-0 18 50.9	+17.829-.212	99.8	2
8492	+0 305	9.1	49 14.17	+3.0843+.0077	+1 5 7.8	+17.817-.214	99.9	2
8493	-1 259	9.3	49 19.14	+3.0588+.0066	-1 18 6.0	+17.814-.212	00.0	2
8494	+0 306	8.8	49 19.71	+3.0852+.0077	+1 10 7.0	+17.814-.214	99.9	2
8495	+0 307	9.1	49 42.36	+3.0759+.0073	+0 17 36.7	+17.798-.214	99.4	2
8496	-0 293	9.0	49 55.11	+3.0746+.0073	+0 10 45.4	+17.790-.214	00.0	2
8497	-0 295	9.6	50 19.56	+3.0662+.0069	-0 36 2.8	+17.773-.215	00.1	2
8498	+0 310	9.2	50 41.05	+3.0772+.0074	+0 24 57.6	+17.759-.216	99.9	2
8499	+0 311	9.4	50 49.96	+3.0758+.0073	+0 16 58.8	+17.753-.216	99.8	2
8500	-0 297	9.4	1 51 6.84	+3.0650+.0069	-0 42 46.8	+17.741-.216	99.9	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
8501	+0 313	8.5	1 51 32.08	+3.0853+.0078	+1 8 57.4	+17.724-.218	99.4	2
8502	-1 264	9.3	51 56.37	+3.0563+.0065	-1 30 10.5	+17.707-.217	00.0	2
8503	+0 317	9.0	51 58.54	+3.0858+.0078	+1 11 22.1	+17.706-.218	99.9	2
8504	-1 266	9.3	53 0.59	+3.0627+.0069	-0 54 12.2	+17.663-.219	99.9	2
8505	-0 303	9.4	54 24.78	+3.0699+.0072	-0 15 14.3	+17.605-.222	99.9	2
8506	-1 269	9.5	54 43.49	+3.0620+.0069	-0 57 27.2	+17.592-.222	99.9	2
8507	-1 273	9.4	55 28.92	+3.0570+.0067	-1 23 28.7	+17.560-.223	99.8	2
8508	+0 334	9.3	56 27.29	+3.0776+.0076	+0 25 37.0	+17.519-.226	99.4	2
8509	+0 335	8.7	56 30.41	+3.0825+.0078	+0 51 35.9	+17.516-.226	99.4	2
8510	-1 280	9.4	57 38.11	+3.0562+.0068	-1 26 22.2	+17.468-.226	99.8	2
8511	-1 281	9.4	58 1.59	+3.0636+.0071	-0 47 45.7	+17.451-.227	99.8	2
8512	-0 307	5.6	58 3.97	+3.0687+.0073	-0 21 12.7	+17.450-.228	00.0	2
8513	+0 340	9.2	58 17.51	+3.0856+.0080	+1 7 6.1	+17.440-.229	00.0	2
8514	+0 341	8.5	58 24.35	+3.0857+.0080	+1 7 42.8	+17.435-.230	00.0	2
8515	-0 308	9.5	58 25.04	+3.0709+.0074	-0 9 17.9	+17.434-.228	99.9	2
8516	+0 343	9.0	58 37.48	+3.0842+.0079	+0 59 41.0	+17.425-.230	99.4	2
8517	+0 344	9.0	1 58 53.96	+3.0857+.0080	+1 7 9.2	+17.414-.230	99.4	2
8518	+0 350	8.7	2 0 39.67	+3.0768+.0077	+0 20 49.7	+17.337-.233	99.8	2
8519	+0 351	9.2	1 38.64	+3.0807+.0078	+0 40 21.4	+17.293-.235	99.4	2
8520	+0 352	8.0	1 39.41	+3.0841+.0080	+0 57 52.7	+17.293-.235	99.4	2
8521	-0 319	9.2	1 58.50	+3.0713+.0075	-0 7 25.3	+17.279-.234	99.9	2
8522	-0 320	9.3	2 8.04	+3.0646+.0072	-0 40 52.5	+17.271-.234	00.0	2
8523	+0 356	8.3	3 33.57	+3.0782+.0078	+0 27 16.9	+17.208-.238	99.8	2
8524	+0 358	8.8	4 35.92	+3.0766+.0078	+0 19 26.2	+17.161-.239	99.4	2
8525	-1 299	9.3	4 42.42	+3.0553+.0070	-1 26 26.9	+17.156-.238	00.0	2
8526	-0 326	8.4	5 5.01	+3.0730+.0076	+0 1 18.1	+17.139-.240	99.9	2
8527	-1 300	9.7	5 21.79	+3.0591+.0071	-1 7 23.2	+17.126-.239	99.9	2
8528	-1 301	9.2	7 3.26	+3.0624+.0073	-0 50 20.7	+17.049-.242	99.9	2
8529	-1 302	9.4	7 5.25	+3.0536+.0070	-1 32 46.4	+17.047-.242	99.5	2
8530	-0 333	9.5	7 33.06	+3.0745+.0078	+0 8 27.0	+17.026-.244	99.9	2
8531	-0 338	9.4	10 30.67	+3.0725+.0078	-0 1 15.0	+16.888-.249	99.9	2
8532	+0 371	9.0	10 38.07	+3.0877+.0083	+1 11 24.3	+16.882-.250	99.4	2
8533	-0 341	9.6	11 8.90	+3.0712+.0077	-0 7 9.0	+16.858-.250	00.0	2
8534	+0 373	8.8	11 15.33	+3.0774+.0079	+0 22 4.7	+16.852-.250	00.0	2
8535	+0 377	8.7	12 2.68	+3.0860+.0082	+1 2 42.2	+16.815-.252	99.9	2
8536	+0 379	9.2	12 33.51	+3.0831+.0082	+0 48 39.5	+16.790-.253	99.4	2
8537	M I 900	9.2	12 43.00	+3.0650+.0076	-0 36 14.4	+16.783-.252	00.0	2
8538	-0 344	9.4	13 3.45	+3.0680+.0077	-0 22 5.6	+16.766-.252	00.0	2
8539	-0 350	8.7	15 1.09	+3.0631+.0075	-0 44 36.4	+16.672-.255	99.9	2
8540	-1 318	9.3	15 10.08	+3.0502+.0071	-1 44 20.4	+16.665-.254	99.9	2
8541	+0 385	9.0	15 15.85	+3.0874+.0084	+1 7 50.6	+16.660-.257	99.4	2
8542	-0 355	5.6	16 49.13	+3.0719+.0079	-0 3 40.5	+16.584-.259	00.0	2
8543	-1 322	5.6	17 6.66	+3.0551+.0073	-1 20 25.0	+16.569-.258	00.0	2
8544	-1 323	9.2	17 15.89	+3.0610+.0075	-0 53 38.1	+16.562-.259	99.9	2
8545	-1 324	9.2	17 26.06	+3.0532+.0073	-1 28 42.6	+16.553-.258	00.0	2
8546	-0 358	8.8	17 37.58	+3.0723+.0079	-0 1 48.7	+16.544-.259	99.4	2
8547	-1 329	10	18 28.44	+3.0525+.0073	-1 31 37.4	+16.502-.260	00.1	2
8548	+0 395	8.7	20 12.61	+3.0851+.0084	+0 55 21.4	+16.415-.265	99.4	2
8549	+0 396	9.0	20 14.07	+3.0879+.0084	+1 8 3.8	+16.414-.266	99.9	2
8550	R Ceti	8.8	2 20 55.37	+3.0642+.0077	-0 37 47.0	+16.379-.265	00.1	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
8551	-I 333	9.4	2 21 0.05	+3.0606+.0076	-0 53 53.7	+16.375-.264	99.9	2
8552	-O 362	9.1	21 21.81	+3.0747+.0080	+0 9 11.2	+16.357-.266	00.0	2
8553	-I 335	9.2	22 12.77	+3.0534+.0074	-I 25 15.1	+16.314-.266	99.9	2
8554	-I 336	9.0	22 16.68	+3.0527+.0074	-I 28 24.3	+16.311-.266	99.9	2
8555	-I 339	9.2	22 31.37	+3.0610+.0077	-0 51 36.4	+16.298-.267	00.0	2
8556	-I 341	9.3	23 4.24	+3.0568+.0075	-I 9 54.5	+16.270-.267	99.9	2
8557	+O 404	8.7	23 13.95	+3.0869+.0085	+I 2 10.5	+16.262-.270	99.4	2
8558	+O 408	8.7	24 11.29	+3.0773+.0082	+0 20 6.4	+16.213-.271	99.5	2
8559	-O 371	9.3	24 38.28	+3.0724+.0080	-0 1 46.4	+16.190-.271	00.0	2
8560	-I 343	9.3	24 55.96	+3.0614+.0077	-0 49 22.5	+16.174-.271	99.9	2
8561	-O 375	9.2	25 10.88	+3.0709+.0080	-0 8 1.2	+16.162-.272	99.9	2
8562	+O 410	8.9	25 37.12	+3.0780+.0082	+0 22 41.6	+16.139-.273	99.4	2
8563	-O 378	6.0	25 38.12	+3.0701+.0080	-0 11 14.5	+16.138-.272	00.1	2
8564	-I 347	9.4	25 53.22	+3.0610+.0077	-0 50 53.4	+16.125-.272	00.1	3
8565	+O 414	8.6	26 7.41	+3.0876+.0085	+I 4 18.4	+16.113-.275	00.0	2
8566	+O 417	9.0	26 32.65	+3.0769+.0082	+0 17 59.1	+16.091-.274	99.5	2
8567	-I 351	9.2	27 0.64	+3.0542+.0075	-I 19 36.0	+16.066-.273	99.9	2
8568	-I 353	5.5	27 4.00	+3.0521+.0075	-I 28 33.8	+16.063-.273	00.1	2
8569	-O 381	8.9	27 15.86	+3.0622+.0078	-0 45 2.0	+16.053-.274	99.9	2
8570	+O 422	8.8	27 36.62	+3.0872+.0085	+I 1 58.5	+16.035-.277	99.9	2
8571	-I 358	9.1	28 25.73	+3.0507+.0075	-I 33 48.9	+15.992-.275	00.0	2
8572	-O 384	8.8	28 52.79	+3.0660+.0079	-0 28 43.7	+15.968-.277	99.9	2
8573	+O 429	9.0	29 37.12	+3.0768+.0082	+0 17 3.1	+15.929-.279	98.9	2
8574	-O 390	9.2	30 2.55	+3.0691+.0080	-0 15 18.6	+15.906-.279	99.9	2
8575	-I 364	9.5	31 33.92	+3.0552+.0077	-I 13 29.8	+15.825-.280	99.9	2
8576	-I 366	9.3	32 2.89	+3.0518+.0076	-I 27 12.1	+15.799-.281	99.9	2
8577	-O 404	9.5	33 35.62	+3.0705+.0081	-0 9 10.4	+15.715-.285	00.0	2
8578	-I 373	9.4	33 37.43	+3.0587+.0078	-0 58 25.9	+15.713-.284	99.9	2
8579	+O 441	9.4	34 13.76	+3.0786+.0084	+0 24 36.6	+15.680-.286	99.5	2
8580	+O 442	8.5	34 25.62	+3.0864+.0086	+0 56 15.1	+15.670-.287	99.9	2
8581	-I 374	9.3	35 25.13	+3.0530+.0077	-I 21 18.8	+15.615-.286	00.0	2
8582	+O 444	9.1	35 32.17	+3.0839+.0085	+0 45 45.8	+15.609-.289	99.9	2
8583	+O 445	9.0	35 49.98	+3.0801+.0084	+0 30 7.1	+15.593-.289	99.4	2
8584	-I 377 <sup>1</sup>	10	36 6.27	+3.0563+.0078	-I 7 11.4	+15.578-.287	00.0	2
8585	-I 377 <sup>2</sup>	5.7	36 6.46	+3.0562+.0078	-I 7 15.3	+15.578-.287	00.0	2
8586	-I 378	8.9	36 11.90	+3.0481+.0076	-I 40 21.0	+15.572-.287	00.0	2
8587	-I 379	9.2	36 19.36	+3.0497+.0076	-I 33 48.7	+15.566-.287	00.1	2
8588	-I 381	9.2	36 59.47	+3.0575+.0078	-I 2 4.2	+15.529-.288	00.0	2
8589	-I 382 <sup>1</sup>	9.5	37 21.97	+3.0468+.0075	-I 44 55.2	+15.508-.288	00.0	2
8590	-I 382 <sup>2</sup>	9.5	37 22.22	+3.0469+.0075	-I 44 49.8	+15.508-.288	00.1	2
8591	-O 412	9.7	37 39.09	+3.0661+.0080	-0 26 56.6	+15.492-.290	99.9	2
8592	-I 385	9.0	38 14.76	+3.0536+.0077	-I 17 0.4	+15.459-.290	99.9	2
8593	+O 448	9.1	38 16.49	+3.0856+.0086	+0 52 4.3	+15.457-.293	99.4	2
8594	-O 418	8.9	38 37.85	+3.0695+.0082	-0 12 50.5	+15.438-.292	00.0	2
8595	+O 453	9.2	39 22.73	+3.0889+.0087	+I 5 4.6	+15.396-.295	99.4	2
8596	-O 422	8.7	39 49.38	+3.0663+.0081	-0 25 34.2	+15.371-.294	99.9	3
8597	+O 455	9.0	40 13.46	+3.0881+.0087	+I 1 34.0	+15.348-.296	99.4	2
8598	+O 456	8.9	40 22.37	+3.0897+.0087	+I 7 57.1	+15.340-.296	99.4	2
8599	-I 389	9.3	41 14.02	+3.0604+.0080	-0 48 50.6	+15.291-.295	00.0	2
8600	+O 459	8.5	2 42 18.51	+3.0824+.0085	+0 38 22.2	+15.230-.299	00.0	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
8601	-0 431	9.0	2 42 19.97	+3.0632+.0080	-0 37 35.3	+15.229-.297	00.0	2
8602	+0 460	9.1	42 29.61	+3.0765+.0084	+0 14 53.4	+15.220-.298	99.9	2
8603	-0 433	9.3	42 33.26	+3.0710+.0082	-0 6 59.6	+15.216-.298	00.0	2
8604	+0 462	9.3	42 54.05	+3.0817+.0085	+0 35 31.0	+15.196-.299	00.1	2
8605	+0 463	9.2	43 0.33	+3.0863+.0086	+0 53 24.6	+15.190-.300	99.4	2
8606	+0 466	9.3	44 5.50	+3.0767+.0083	+0 15 28.0	+15.128-.301	00.0	2
8607	+0 467	8.8	44 14.72	+3.0874+.0087	+0 57 26.0	+15.119-.302	99.4	2
8608	+0 468	8.7	44 27.12	+3.0880+.0087	+0 59 32.3	+15.108-.302	99.9	2
8609	-0 442	9.1	46 19.78	+3.0654+.0081	-0 28 18.5	+14.999-.303	99.9	2
8610	-1 400	8.7	46 26.53	+3.0533+.0078	-1 15 16.3	+14.992-.302	99.9	2
8611	+0 475	8.6	46 51.27	+3.0864+.0086	+0 52 44.4	+14.968-.306	99.4	2
8612	+0 476	9.1	46 55.35	+3.0792+.0085	+0 25 7.6	+14.964-.305	00.0	2
8613	-0 445	9.1	48 12.03	+3.0640+.0081	-0 33 32.1	+14.890-.306	99.9	2
8614	-0 446	9.0	48 17.97	+3.0666+.0082	-0 23 35.7	+14.884-.306	00.0	2
8615	-0 450	6.7	49 40.12	+3.0655+.0082	-0 27 21.8	+14.803-.308	99.9	2
8616	-0 451	8.0	50 6.29	+3.0732+.0083	+0 1 55.2	+14.778-.309	99.9	2
8617	+0 481	8.5	50 18.78	+3.0877+.0087	+0 57 0.4	+14.765-.311	99.4	2
8618	-0 454	8.8	50 48.40	+3.0745+.0084	+0 6 39.6	+14.736-.310	99.9	2
8619	-0 457	8.9	51 5.80	+3.0746+.0084	+0 7 1.4	+14.719-.311	00.0	2
8620	-0 458	9.2	51 9.34	+3.0682+.0082	-0 17 18.4	+14.715-.310	00.0	2
8621	-0 460	6.7	52 2.44	+3.0734+.0084	+0 2 41.9	+14.663-.312	99.9	2
8622	-0 464 <sup>1</sup>	8.8	52 43.68	+3.0729+.0083	+0 0 38.5	+14.622-.313	99.9	2
8623	-0 464 <sup>2</sup>	9.0	52 44.33	+3.0729+.0083	+0 0 46.2	+14.621-.313	00.0	2
8624	+0 486	9.2	52 58.75	+3.0882+.0087	+0 58 13.7	+14.607-.314	99.4	2
8625	-1 421	9.5	53 2.21	+3.0548+.0079	-1 7 13.0	+14.603-.311	00.1	2
8626	-0 465	8.9	53 20.93	+3.0732+.0084	+0 2 11.4	+14.584-.314	00.0	2
8627	+0 487	9.3	53 55.94	+3.0884+.0087	+0 58 31.5	+14.549-.316	00.1	2
8628	+0 491	9.4	54 17.09	+3.0772+.0084	+0 16 46.8	+14.528-.315	99.9	2
8629	+0 492	9.0	54 37.63	+3.0764+.0084	+0 13 49.6	+14.507-.316	00.0	2
8630	+0 493	9.3	54 53.89	+3.0807+.0085	+0 29 33.2	+14.491-.316	99.9	2
8631	+0 494	9.0	55 10.66	+3.0892+.0087	+1 1 13.2	+14.474-.318	00.0	2
8632	-0 472	8.9	55 13.10	+3.0613+.0081	-0 42 27.0	+14.472-.315	00.1	2
8633	-0 473	9.2	55 14.86	+3.0740+.0084	+0 4 45.5	+14.470-.316	99.9	2
8634	+0 497	8.8	55 38.21	+3.0824+.0086	+0 35 50.2	+14.446-.318	00.1	2
8635	-0 482	9.2	56 34.17	+3.0706+.0083	-0 7 45.8	+14.390-.318	99.9	2
8636	-0 483	9.2	56 52.33	+3.0744+.0084	+0 6 13.4	+14.371-.318	99.9	2
8637	+0 502	9.2	57 29.23	+3.0801+.0085	+0 27 17.9	+14.334-.320	99.4	2
8638	-0 486	9.1	57 30.46	+3.0732+.0084	+0 1 53.2	+14.332-.319	99.4	2
8639	+0 506	8.8	58 19.16	+3.0911+.0088	+1 7 10.6	+14.283-.322	00.0	2
8640	+0 507	9.0	58 42.83	+3.0830+.0086	+0 37 42.7	+14.258-.322	99.9	2
8641	-0 488	9.6	58 45.13	+3.0607+.0081	-0 43 52.8	+14.256-.320	00.0	2
8642	-1 437	9.3	59 6.95	+3.0549+.0080	-1 5 22.6	+14.234-.320	99.9	2
8643	-1 440	9.2	2 59 45.01	+3.0446+.0078	-1 42 21.0	+14.194-.320	99.9	2
8644	+0 511	8.5	3 0 6.28	+3.0804+.0085	+0 27 54.0	+14.173-.324	99.4	2
8645	+0 512	8.9	0 9.93	+3.0873+.0087	+0 52 56.3	+14.169-.324	99.4	2
8646	+0 517	9.0	1 29.94	+3.0791+.0085	+0 22 54.2	+14.086-.325	99.4	2
8647	+0 518	9.1	1 38.34	+3.0882+.0087	+0 55 53.5	+14.077-.326	99.9	2
8648	+0 521	9.1	2 27.40	+3.0841+.0086	+0 40 53.0	+14.026-.327	99.9	2
8649	+0 523	9.2	2 32.25	+3.0864+.0087	+0 49 24.4	+14.021-.328	99.4	2
8650	-0 495	9.0	3 2 36.79	+3.0638+.0082	-0 32 9.0	+14.016-.325	00.0	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
8651	-0 496	9.2	3 3 0.22	+3.0713+.0083	-0 5 6.1	+13.992-.327	00.1	2
8652	-1 445	9.5	3 5.62	+3.0527+.0079	-1 11 40.6	+13.986-.325	00.0	2
8653	+0 530	9.2	4 10.92	+3.0907+.0087	+1 4 13.8	+13.918-.330	99.5	2
8654	+0 534	9.2	5 21.08	+3.0819+.0085	+0 32 42.7	+13.844-.331	99.4	2
8655	+0 535	9.0	6 15.46	+3.0878+.0087	+0 53 33.0	+13.787-.332	99.9	2
8656	-1 452	9.3	6 37.11	+3.0430+.0077	-1 45 13.8	+13.764-.328	99.9	2
8657	-0 504	8.9	6 59.90	+3.0648+.0082	-0 28 1.9	+13.739-.331	00.0	2
8658	-0 505	9.3	7 3.05	+3.0719+.0083	-0 3 0.9	+13.736-.332	00.0	2
8659	+0 537	9.0	7 15.27	+3.0768+.0084	+0 14 30.9	+13.723-.333	99.4	2
8660	-0 507	9.3	7 31.45	+3.0600+.0081	-0 44 45.1	+13.706-.331	00.0	2
8661	-0 511	8.6	8 14.07	+3.0693+.0083	-0 12 0.8	+13.660-.333	00.0	2
8662	+0 541	8.7	8 17.71	+3.0908+.0087	+1 3 29.2	+13.657-.336	99.4	2
8663	-0 514	8.8	8 59.42	+3.0733+.0083	+0 2 5.5	+13.612-.335	00.0	2
8664	-1 465 <sup>1</sup>	8.9	10 15.98	+3.0460+.0078	-1 32 56.7	+13.530-.334	99.9	2
8665	-1 465 <sup>2</sup>	9.4	10 16.80	+3.0463+.0078	-1 32 1.1	+13.529-.334	00.0	2
8666	+0 550	9.0	10 17.93	+3.0814+.0085	+0 30 3.5	+13.528-.337	99.4	2
8667	-0 517	8.9	11 4.88	+3.0743+.0084	+0 5 35.4	+13.477-.338	99.9	2
8668	+0 556	8.8	11 31.33	+3.0835+.0085	+0 37 14.3	+13.449-.339	00.0	2
8669	+0 557	9.9	11 36.18	+3.0816+.0085	+0 30 43.9	+13.443-.339	00.0	2
8670	+0 558	8.5	11 52.09	+3.0910+.0087	+1 3 21.9	+13.426-.340	99.5	2
8671	+0 559	9.2	12 5.90	+3.0908+.0087	+1 2 29.8	+13.411-.341	00.1	2
8672	-1 469	5.6	13 15.35	+3.0502+.0079	-1 17 40.3	+13.336-.338	99.9	2
8673	-1 473	9.2	13 46.42	+3.0485+.0078	-1 23 12.1	+13.302-.338	99.9	2
8674	-0 525	9.2	14 15.27	+3.0671+.0082	-0 19 17.5	+13.270-.341	99.4	2
8675	-0 526	9.6	14 21.30	+3.0636+.0081	-0 31 17.0	+13.264-.340	00.0	2
8676	-0 527	9.5	14 48.84	+3.0686+.0082	-0 13 59.5	+13.233-.342	00.0	2
8677	-0 528	9.3	15 8.74	+3.0645+.0081	-0 28 13.1	+13.212-.342	99.9	2
8678	+0 570	8.6	15 43.47	+3.0869+.0086	+0 48 17.5	+13.174-.345	99.5	2
8679	+0 571	8.8	15 51.96	+3.0855+.0085	+0 43 27.3	+13.164-.345	99.4	2
8680	+0 572	8.5	16 3.96	+3.0760+.0084	+0 11 12.8	+13.151-.344	00.0	2
8681	+0 574	9.1	16 15.78	+3.0928+.0087	+1 8 10.8	+13.138-.346	00.0	2
8682	+0 578	9.0	17 22.87	+3.0795+.0084	+0 22 57.4	+13.064-.346	98.9	2
8683	+0 581	6.6	18 27.67	+3.0827+.0085	+0 33 24.1	+12.992-.348	99.9	2
8684	+0 582	9.0	18 31.04	+3.0795+.0084	+0 23 2.3	+12.988-.347	99.9	2
8685	-1 482	9.4	18 36.56	+3.0459+.0078	-1 30 31.0	+12.982-.344	99.9	2
8686	-0 539	8.9	18 41.79	+3.0666+.0082	-0 20 29.4	+12.976-.346	00.0	2
8687	-1 484	9.1	19 17.26	+3.0539+.0079	-1 3 27.3	+12.937-.346	00.0	2
8688	-1 485	9.5	19 22.58	+3.0553+.0079	-0 58 27.7	+12.931-.346	00.1	3
8689	-0 543	9.3	19 29.23	+3.0724+.0082	-0 1 9.9	+12.924-.348	99.9	2
8690	-1 486	9.5	19 29.51	+3.0400+.0077	-1 50 4.9	+12.923-.344	00.0	2
8691	-1 490	9.0	20 41.71	+3.0534+.0079	-1 4 48.0	+12.843-.347	99.9	2
8692	-1 493	8.8	20 58.48	+3.0548+.0079	-0 59 45.8	+12.824-.348	99.9	2
8693	+0 587	9.3	21 4.27	+3.0906+.0086	+0 59 36.3	+12.817-.352	00.0	2
8694	+0 588	9.0	21 11.84	+3.0886+.0086	+0 52 53.7	+12.809-.352	99.4	2
8695	-0 553	9.2	24 6.12	+3.0740+.0082	+0 4 5.1	+12.612-.354	99.9	2
8696	+0 597	8.5	24 49.36	+3.0765+.0083	+0 12 29.9	+12.563-.355	99.5	2
8697	+0 598	9.4	24 52.46	+3.0878+.0085	+0 49 47.0	+12.560-.356	99.9	2
8698	+0 599	9.0	25 4.14	+3.0796+.0083	+0 22 45.4	+12.546-.355	99.4	2
8699	+0 600	9.1	25 4.89	+3.0860+.0084	+0 43 54.1	+12.546-.356	00.0	2
8700	-0 560	6.6	3 25 57.90	+3.0577+.0079	-0 49 20.1	+12.485-.354	99.9	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
8701	+0 602	9.3	3 26 47.19	+3.0788+.0083	+0 20 4.9	+12.429-.358	00.0	1
8702	+0 603	9.0	26 49.39	+3.0781+.0083	+0 17 41.0	+12.426-.357	99.4	2
8703	-0 561	8.6	27 1.06	+3.0718+.0082	-0 3 4.0	+12.413-.357	00.0	2
8704	-1 508	8.8	27 58.98	+3.0427+.0077	-1 37 59.5	+12.346-.355	00.0	2
8705	-0 563	8.9	28 20.22	+3.0688+.0081	-0 13 2.5	+12.322-.358	00.1	3
8706	-0 566	9.3	29 8.59	+3.0694+.0081	-0 10 55.9	+12.266-.359	99.9	2
8707	+0 608	8.5	29 26.52	+3.0791+.0083	+0 20 45.7	+12.246-.360	99.4	2
8708	+0 609	9.2	29 33.66	+3.0836+.0083	+0 35 28.6	+12.237-.361	99.5	2
8709	+0 610	9.6	29 41.18	+3.0906+.0085	+0 58 1.8	+12.229-.362	00.0	2
8710	+0 616 <sup>1</sup>	9.2	31 38.98	+3.0776+.0082	+0 15 38.6	+12.092-.363	99.9	2
8711	+0 616 <sup>2</sup>	6.1	31 39.34	+3.0776+.0082	+0 15 41.0	+12.092-.363	99.9	2
8712	-0 572	4.4	31 46.12	+3.0743+.0081	+0 5 3.8	+12.084-.363	99.9	3
8713	+0 617	9.0	31 49.37	+3.0837+.0083	+0 35 30.1	+12.080-.364	99.5	2
8714	+0 619	9.3	31 55.56	+3.0906+.0084	+0 57 37.1	+12.073-.365	99.9	2
8715	-0 574	9.1	32 1.77	+3.0600+.0079	-0 41 0.1	+12.066-.361	00.0	2
8716	+0 625	9.0	32 43.00	+3.0848+.0083	+0 38 42.0	+12.018-.365	99.4	2
8717	+0 627	9.4	32 47.78	+3.0929+.0084	+1 4 52.0	+12.012-.366	00.1	2
8718	+0 628	8.9	33 8.84	+3.0939+.0084	+1 7 57.4	+11.987-.366	00.0	2
8719	-0 579	8.5	33 36.95	+3.0570+.0078	-0 50 27.5	+11.955-.363	99.9	2
8720	+0 630	8.7	33 49.91	+3.0815+.0082	+0 28 14.5	+11.939-.366	99.4	2
8721	-1 517	9.0	33 58.19	+3.0564+.0078	-0 52 4.8	+11.930-.363	99.9	2
8722	-1 519	6.2	34 54.42	+3.0455+.0076	-1 26 43.1	+11.864-.363	99.5	2
8723	+0 640	9.3	36 27.84	+3.0877+.0083	+0 47 29.8	+11.755-.370	99.4	2
8724	+0 642	9.3	36 33.73	+3.0878+.0083	+0 47 46.8	+11.747-.370	99.4	2
8725	-0 587	9.4	38 7.24	+3.0652+.0079	-0 23 45.1	+11.636-.369	99.4	2
8726	-1 522	9.3	38 18.36	+3.0512+.0077	-1 7 52.2	+11.623-.367	99.9	2
8727	+0 646	9.4	38 18.88	+3.0886+.0083	+0 50 2.3	+11.622-.372	99.5	2
8728	-0 592	8.9	39 43.08	+3.0587+.0078	-0 44 3.1	+11.522-.370	99.9	2
8729	-0 593	5.8	39 49.66	+3.0610+.0078	-0 36 40.8	+11.514-.370	99.9	2
8730	+0 648	9.2	40 7.31	+3.0769+.0080	+0 13 0.2	+11.493-.372	00.0	2
8731	+0 651	8.5	40 36.00	+3.0786+.0080	+0 18 17.6	+11.458-.373	99.9	2
8732	-0 594	7.8	40 45.97	+3.0710+.0079	-0 5 25.0	+11.446-.372	99.9	2
8733	+0 652	9.2	40 55.17	+3.0935+.0083	+1 4 59.3	+11.435-.375	00.0	2
8734	-0 597	9.2	41 34.22	+3.0635+.0078	-0 28 53.2	+11.389-.372	99.4	2
8735	-0 598	9.1	41 40.88	+3.0693+.0079	-0 10 35.3	+11.381-.373	99.5	2
8736	-0 602	6.1	43 31.08	+3.0712+.0079	-0 4 45.1	+11.248-.375	99.9	2
8737	-1 537	9.0	43 57.07	+3.0456+.0075	-1 24 5.1	+11.217-.373	99.9	2
8738	-1 540	9.0	44 17.51	+3.0505+.0076	-1 8 44.4	+11.192-.374	99.9	2
8739	+0 659	8.7	44 24.11	+3.0932+.0082	+1 3 35.5	+11.184-.379	00.0	2
8740	-0 606	9.0	44 39.97	+3.0732+.0079	+0 1 22.0	+11.165-.377	99.4	2
8741	+0 661	8.6	45 7.48	+3.0944+.0082	+1 7 9.5	+11.131-.380	00.0	2
8742	-0 607	9.4	45 7.81	+3.0684+.0078	-0 13 28.7	+11.131-.377	99.5	2
8743	-1 544	6.5	45 11.43	+3.0372+.0073	-1 49 37.1	+11.126-.373	99.9	2
8744	+0 663	9.0	45 40.09	+3.0865+.0080	+0 42 27.4	+11.092-.379	99.4	2
8745	-0 610	9.0	46 26.81	+3.0734+.0078	+0 2 2.1	+11.035-.379	99.4	2
8746	-0 611	9.1	46 44.13	+3.0566+.0076	-0 49 46.2	+11.014-.377	99.9	2
8747	-1 548	6.7	47 3.93	+3.0444+.0074	-1 26 54.2	+10.990-.376	00.0	2
8748	-1 549	6.9	47 11.03	+3.0541+.0076	-0 57 19.3	+10.981-.377	99.9	2
8749	+0 670	9.1	47 37.19	+3.0890+.0080	+0 50 2.2	+10.949-.382	00.0	2
8750	-0 614	9.8	3 48 10.91	+3.0575+.0076	-0 46 43.5	+10.908-.379	00.0	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	$^{\circ}$	M	h m s	s s	$^{\circ}$ ' "	" "		
8751	+0 671	8.6	3 48 25.70	+3.0941+.0081	+1 5 28.5	+10.890-.383	00.0	2
8752	-0 615	9.8	48 41.60	+3.0659+.0077	-0 20 47.8	+10.870-.380	00.0	2
8753	+0 672	9.1	48 55.97	+3.0865+.0080	+0 42 13.7	+10.853-.383	99.9	2
8754	+0 673	9.7	48 59.76	+3.0795+.0079	+0 20 51.9	+10.848-.382	99.4	2
8755	-0 616	9.1	49 6.94	+3.0642+.0076	-0 26 6.6	+10.839-.380	99.6	2
8756	+0 675	8.2	49 12.92	+3.0918+.0080	+0 58 9.7	+10.832-.384	99.4	2
8757	+0 678	8.7	51 0.03	+3.0810+.0078	+0 25 10.6	+10.700-.384	98.9	2
8758	-0 622	9.3	52 2.04	+3.0745+.0077	+0 5 30.8	+10.623-.384	99.9	2
8759	-0 624	9.4	52 51.50	+3.0672+.0076	-0 16 38.7	+10.562-.384	99.9	2
8760	-1 567	9.3	53 33.14	+3.0430+.0073	-1 29 35.9	+10.511-.382	00.0	2
8761	+0 684	8.5	53 46.68	+3.0820+.0078	+0 28 3.2	+10.494-.387	99.4	2
8762	-1 568	9.3	53 54.45	+3.0484+.0073	-1 13 20.2	+10.484-.383	00.0	2
8763	-1 569	9.3	54 2.29	+3.0508+.0074	-1 6 3.0	+10.474-.384	00.0	2
8764	+0 685	9.0	54 4.42	+3.0861+.0078	+0 40 21.4	+10.472-.388	99.5	2
8765	-0 627	9.3	54 41.15	+3.0667+.0076	-0 18 13.9	+10.426-.386	99.9	2
8766	+0 687	8.8	54 52.31	+3.0950+.0079	+1 7 1.6	+10.412-.390	99.9	2
8767	+0 688	9.2	55 7.87	+3.0946+.0079	+1 5 52.1	+10.393-.390	00.0	2
8768	-1 572	5.2	56 27.89	+3.0361+.0071	-1 49 46.9	+10.293-.384	99.1	2
8769	-0 630	8.4	57 5.66	+3.0687+.0075	-0 11 55.7	+10.245-.389	99.9	2
8770	-0 631	8.9	57 11.79	+3.0685+.0075	-0 12 43.5	+10.238-.389	99.9	2
8771	-0 632	5.4	57 29.21	+3.0619+.0074	-0 32 24.8	+10.216-.388	99.4	2
8772	-0 633	8.9	57 51.61	+3.0659+.0075	-0 20 27.0	+10.188-.389	00.0	2
8773	-0 635	9.1	58 47.43	+3.0752+.0076	+0 7 20.0	+10.118-.391	00.0	2
8774	-1 579	9.0	59 16.15	+3.0366+.0071	-1 47 17.4	+10.081-.387	99.5	2
8775	+0 692	9.3	59 26.25	+3.0937+.0078	+1 2 23.6	+10.069-.394	99.4	2
8776	-0 637	9.2	59 36.71	+3.0676+.0074	-0 15 10.7	+10.056-.391	99.5	2
8777	-0 639	9.0	3 59 51.18	+3.0634+.0074	-0 27 44.5	+10.037-.391	99.9	2
8778	-0 641	8.8	4 0 28.92	+3.0709+.0075	-0 5 18.7	+ 9.986-.392	00.0	2
8779	+0 696	8.9	0 54.50	+3.0837+.0076	+0 32 30.5	+ 9.957-.394	00.0	2
8780	-0 642	8.3	1 1.96	+3.0668+.0074	-0 17 31.2	+ 9.948-.392	99.9	2
8781	-1 587	9.3	2 21.56	+3.0483+.0071	-1 12 5.2	+ 9.847-.391	99.9	2
8782	-1 588	9.0	2 38.01	+3.0343+.0070	-1 53 19.7	+ 9.826-.390	99.4	2
8783	+0 700	9.0	2 50.16	+3.0922+.0076	+0 57 22.4	+ 9.810-.397	99.4	2
8784	-1 590	9.1	2 56.93	+3.0523+.0072	-1 0 8.8	+ 9.802-.392	00.0	2
8785	-0 649	8.8	4 35.28	+3.0697+.0073	-0 8 49.7	+ 9.676-.396	99.0	2
8786	-0 650	9.4	4 42.35	+3.0606+.0072	-0 35 32.8	+ 9.667-.395	99.9	2
8787	+0 707*	8.4	5 8.09	+3.0949+.0076	+1 5 4.8	+ 9.634-.400	99.4	2
8788	-0 652	9.0	5 35.66	+3.0696+.0073	-0 9 9.8	+ 9.599-.397	99.4	2
8789	-0 654	8.7	6 36.14	+3.0694+.0072	-0 9 30.9	+ 9.522-.398	99.5	2
8790	+0 709	9.3	6 50.12	+3.0762+.0073	+0 10 12.4	+ 9.504-.399	99.4	2
8791	+0 710	6.8	7 0.71	+3.0825+.0074	+0 28 37.5	+ 9.490-.400	99.5	2
8792	+0 711	8.9	7 27.42	+3.0832+.0074	+0 30 40.6	+ 9.456-.400	99.9	2
8793	+0 714	9.0	8 28.06	+3.0786+.0073	+0 17 1.8	+ 9.378-.400	99.4	2
8794	-0 658	9.4	8 35.27	+3.0635+.0071	-0 26 45.8	+ 9.368-.399	00.0	2
8795	-1 602	9.1	8 56.98	+3.0506+.0070	-1 4 22.3	+ 9.340-.397	00.0	2
8796	-0 660	9.0	9 3.85	+3.0604+.0071	-0 35 55.6	+ 9.332-.399	99.4	2
8797	+0 717	9.0	9 29.52	+3.0817+.0073	+0 26 11.6	+ 9.298-.402	99.5	2
8798	-0 663	9.3	9 55.09	+3.0564+.0070	-0 47 16.7	+ 9.265-.399	99.9	3
8799	+0 720	9.0	10 39.95	+3.0851+.0073	+0 35 47.5	+ 9.207-.403	99.4	2
8800	+0 721 <sup>1</sup>	7.2	4 10 53.24	+3.0770+.0072	+0 12 17.1	+ 9.190-.403	99.6	3



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
8801	+0 721 <sup>2</sup>	9.2	4 10 53.31	+3.0770+.0072	+0 12 21.2	+ 9.190-.402	00.0	2
8802	+0 722	8.4	10 58.16	+3.0799+.0072	+0 20 52.9	+ 9.184-.403	00.0	2
8803	+0 723	8.8	11 3.81	+3.0933+.0074	+0 59 29.1	+ 9.176-.405	99.9	2
8804	+0 726	8.9	12 3.31	+3.0867+.0073	+0 40 18.2	+ 9.099-.405	99.4	2
8805	-0 672	9.5	12 6.95	+3.0684+.0071	-0 12 35.0	+ 9.094-.402	99.5	2
8806	-1 611	9.0	12 21.94	+3.0355+.0067	-1 47 12.5	+ 9.075-.398	99.1	2
8807	-0 677	9.0	13 1.50	+3.0649+.0070	-0 22 39.5	+ 9.023-.403	99.5	2
8808	+0 729	8.8	13 19.38	+3.0942+.0073	+1 1 42.7	+ 9.000-.407	99.4	2
8809	-0 682	8.8	14 45.61	+3.0730+.0070	+0 0 57.5	+ 8.888-.405	99.4	2
8810	-1 618	9.0	15 3.57	+3.0327+.0066	-1 54 48.0	+ 8.864-.400	99.1	2
8811	+0 734	7.9	15 55.04	+3.0928+.0072	+0 57 20.5	+ 8.797-.409	99.4	2
8812	+0 735	8.5	16 3.99	+3.0858+.0071	+0 37 32.0	+ 8.785-.408	99.0	2
8813	-0 687	6.1	16 20.33	+3.0656+.0069	-0 19 56.7	+ 8.764-.406	00.0	2
8814	-0 689*	9.3	16 50.64	+3.0694+.0069	-0 9 38.0	+ 8.724-.406	99.4	2
8815	-0 693	9.2	17 31.73	+3.0590+.0068	-0 39 16.0	+ 8.670-.406	99.5	2
8816	-0 694	9.1	18 2.66	+3.0689+.0069	-0 10 50.5	+ 8.629-.407	99.6	2
8817	+0 741	9.0	18 9.61	+3.0785+.0070	+0 16 34.6	+ 8.620-.409	99.4	2
8818	-0 695	9.3	18 18.83	+3.0654+.0068	-0 20 50.4	+ 8.608-.407	99.9	2
8819	-1 631	9.3	18 20.84	+3.0419+.0066	-1 27 46.3	+ 8.605-.404	00.0	2
8820	-0 696	8.9	19 2.16	+3.0735+.0069	+0 2 19.4	+ 8.551-.409	99.4	2
8821	-0 697	9.0	19 35.94	+3.0611+.0067	-0 33 1.6	+ 8.506-.408	99.6	2
8822	-1 638	9.2	19 44.07	+3.0475+.0066	-1 11 35.9	+ 8.495-.406	00.0	2
8823	-0 698	9.1	19 47.25	+3.0646+.0068	-0 23 12.2	+ 8.491-.408	99.9	2
8824	-0 699	9.2	20 0.44	+3.0749+.0069	+0 6 13.3	+ 8.474-.410	00.1	3
8825	+0 752	8.9	20 44.38	+3.0915+.0070	+0 53 15.6	+ 8.416-.413	99.5	2
8826	-0 701	8.8	20 44.72	+3.0668+.0068	-0 16 52.8	+ 8.415-.409	99.4	2
8827	+0 753	8.2	20 46.90	+3.0898+.0070	+0 48 14.1	+ 8.412-.412	00.0	2
8828	+0 754	9.0	20 54.15	+3.0823+.0069	+0 27 13.4	+ 8.403-.412	99.0	2
8829	+0 757	9.0	21 37.44	+3.0764+.0068	+0 10 26.1	+ 8.345-.412	99.5	2
8830	+0 758	9.0	22 10.00	+3.0774+.0068	+0 13 4.7	+ 8.302-.412	99.5	2
8831	-0 703	9.2	22 19.91	+3.0642+.0067	-0 23 59.1	+ 8.289-.410	99.5	2
8832	+0 762	9.0	22 52.86	+3.0761+.0068	+0 9 28.9	+ 8.245-.412	99.4	2
8833	+0 764	9.3	23 26.75	+3.0842+.0068	+0 32 27.8	+ 8.200-.414	99.0	2
8834	+0 768	9.3	24 19.77	+3.0769+.0067	+0 11 38.2	+ 8.130-.413	99.5	2
8835	+0 770	8.9	24 43.18	+3.0833+.0068	+0 29 48.0	+ 8.098-.414	99.9	2
8836	-0 707	9.2	24 51.55	+3.0651+.0066	-0 21 22.5	+ 8.087-.412	99.5	2
8837	-0 708	9.0	25 5.13	+3.0648+.0067	-0 22 21.5	+ 8.069-.412	99.6	2
8838	-0 709	9.4	25 21.34	+3.0551+.0065	-0 49 28.2	+ 8.047-.411	00.0	2
8839	+0 773	9.2	25 24.33	+3.0796+.0067	+0 19 11.5	+ 8.043-.414	99.7	3
8840	-1 657	9.0	25 37.65	+3.0373+.0064	-1 39 19.3	+ 8.026-.409	99.4	2
8841	-1 658	9.2	26 5.05	+3.0504+.0065	-1 2 28.8	+ 7.989-.411	00.1	2
8842	-1 659	8.7	26 12.18	+3.0504+.0064	-1 2 26.9	+ 7.979-.411	99.8	3
8843	+0 780	8.0	27 15.19	+3.0892+.0067	+0 46 1.1	+ 7.895-.417	99.4	2
8844	-0 717	8.9	28 0.78	+3.0671+.0066	-0 15 44.0	+ 7.834-.415	99.4	2
8845	-1 667	9.0	28 10.20	+3.0404+.0062	-1 30 15.3	+ 7.821-.411	99.5	2
8846	-1 666	9.0	28 10.92	+3.0388+.0062	-1 34 45.2	+ 7.820-.411	99.5	2
8847	+0 785	8.5	28 22.35	+3.0902+.0067	+0 48 41.3	+ 7.805-.417	99.4	2
8848	+0 787	8.8	28 37.04	+3.0755+.0065	+0 7 50.5	+ 7.785-.416	99.6	2
8849	-0 722	9.1	29 6.63	+3.0648+.0064	-0 21 57.7	+ 7.745-.415	99.9	2
8850	-1 670	8.9	4 29 25.76	+3.0522+.0063	-0 57 12.5	+ 7.720-.414	99.5	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
8851	+0 794	8.3	4 30 46.12	+3.0767+.0065	+0 10 58.0	+ 7.611-.418	99.4	2
8852	+0 796	8.7	31 5.69	+3.0817+.0065	+0 24 51.9	+ 7.585-.419	99.0	2
8853	-0 728	9.0	31 23.59	+3.0616+.0063	-0 31 0.0	+ 7.561-.416	99.5	2
8854	-0 729	9.5	31 27.54	+3.0579+.0063	-0 41 13.8	+ 7.556-.416	99.5	2
8855	+0 797	8.8	31 32.72	+3.0879+.0065	+0 41 59.5	+ 7.549-.420	99.4	2
8856	-0 730	8.3	31 48.26	+3.0657+.0063	-0 19 23.8	+ 7.528-.417	99.4	3
8857	+0 798	5.3	32 4.39	+3.0899+.0065	+0 47 44.6	+ 7.506-.421	00.0	2
8858	-0 732	8.6	32 12.66	+3.0746+.0064	+0 5 16.4	+ 7.495-.419	00.0	2
8859	+0 799	8.9	32 13.70	+3.0953+.0066	+1 2 32.8	+ 7.493-.422	00.1	2
8860	+0 800*	8.3	32 17.71	+3.0808+.0064	+0 22 18.8	+ 7.488-.420	99.4	3
8861	+0 801	8.3	32 18.28	+3.0803+.0064	+0 21 2.7	+ 7.487-.420	00.1	2
8862	-1 682	8.9	32 28.54	+3.0448+.0061	-1 17 30.4	+ 7.473-.415	00.0	2
8863	+0 802	9.4	32 30.74	+3.0753+.0064	+0 7 3.8	+ 7.470-.419	00.0	2
8864	-1 683	9.4	32 48.35	+3.0497+.0061	-1 3 38.5	+ 7.446-.416	00.0	2
8865	-1 684	9.0	33 12.52	+3.0469+.0061	-1 11 33.7	+ 7.413-.416	00.0	2
8866	-0 741	9.3	33 38.12	+3.0564+.0062	-0 45 7.5	+ 7.379-.417	99.5	2
8867	-0 742	9.1	33 48.79	+3.0724+.0063	-0 0 59.3	+ 7.364-.420	99.5	2
8868	+0 811	8.7	34 1.40	+3.0753+.0063	+0 7 14.2	+ 7.347-.420	99.4	2
8869	+0 815	8.7	34 57.36	+3.0804+.0063	+0 21 18.0	+ 7.271-.421	99.0	2
8870	-1 693	9.3	35 38.69	+3.0465+.0060	-1 12 15.9	+ 7.215-.417	99.9	2
8871	-0 747	9.5	35 56.69	+3.0598+.0061	-0 35 31.7	+ 7.191-.419	00.0	2
8872	-1 695	8.5	36 1.69	+3.0491+.0060	-1 5 6.3	+ 7.184-.418	99.4	2
8873	+0 819	8.9	36 18.67	+3.0864+.0063	+0 37 40.3	+ 7.160-.423	99.5	2
8874	-1 699	9.2	36 29.12	+3.0312+.0059	-1 54 6.0	+ 7.146-.416	99.6	2
8875	-1 700	8.8	37 5.07	+3.0322+.0058	-1 51 21.6	+ 7.098-.416	99.6	2
8876	+0 829	9.0	37 37.27	+3.0882+.0063	+0 42 35.3	+ 7.053-.424	99.4	2
8877	+0 830	8.2	37 50.79	+3.0928+.0063	+0 55 5.9	+ 7.035-.425	99.9	2
8878	-1 705	9.2	38 5.90	+3.0369+.0058	-1 38 25.4	+ 7.014-.418	99.5	2
8879	-1 706	9.0	38 8.45	+3.0403+.0059	-1 29 0.4	+ 7.011-.418	99.5	2
8880	-1 707	9.4	38 16.59	+3.0454+.0059	-1 15 2.2	+ 7.000-.419	99.5	2
8881	+0 832	8.9	38 46.99	+3.0902+.0062	+0 47 46.8	+ 6.958-.425	99.4	2
8882	-1 709	9.4	39 2.04	+3.0480+.0059	-1 7 51.8	+ 6.937-.420	99.6	2
8883	-0 761	9.3	39 5.12	+3.0718+.0061	-0 2 38.2	+ 6.933-.423	99.6	2
8884	-0 762	9.4	39 14.53	+3.0678+.0060	-0 13 30.4	+ 6.920-.423	99.4	2
8885	+0 834	7.3	39 33.99	+3.0811+.0061	+0 23 0.4	+ 6.894-.425	99.9	2
8886	-1 718	9.2	40 45.00	+3.0481+.0058	-1 7 27.0	+ 6.796-.421	99.5	2
8887	+0 842	8.9	41 7.61	+3.0953+.0062	+1 1 44.1	+ 6.765-.428	99.5	2
8888	-0 764	9.0	41 9.38	+3.0601+.0059	-0 34 27.0	+ 6.763-.423	99.5	2
8889	+0 843	9.0	41 13.76	+3.0880+.0061	+0 41 39.1	+ 6.757-.427	99.6	2
8890	+0 845	8.3	41 45.13	+3.0824+.0060	+0 26 16.8	+ 6.714-.426	99.5	2
8891	+0 847	8.7	41 54.12	+3.0924+.0061	+0 53 45.0	+ 6.702-.428	99.4	2
8892	+0 849	9.1	41 59.69	+3.0812+.0060	+0 23 0.4	+ 6.694-.426	99.5	2
8893	+0 852	9.0	42 28.58	+3.0809+.0060	+0 22 14.8	+ 6.654-.426	99.5	2
8894	-1 726	9.2	43 9.90	+3.0449+.0057	-1 15 42.0	+ 6.597-.422	00.0	2
8895	+0 857	9.0	43 19.84	+3.0861+.0060	+0 36 30.6	+ 6.584-.428	99.6	2
8896	+0 858	8.6	43 24.26	+3.0868+.0060	+0 38 17.0	+ 6.578-.428	00.0	2
8897	+0 861	8.8	43 38.98	+3.0852+.0060	+0 34 0.6	+ 6.557-.428	99.6	2
8898	-0 778	9.3	44 2.01	+3.0695+.0058	-0 8 50.9	+ 6.526-.426	99.4	2
8899	-0 779	9.3	44 4.75	+3.0557+.0057	-0 46 16.5	+ 6.522-.424	99.5	2
8900	-0 781	10	4 44 23.82	+3.0692+.0058	-0 9 33.6	+ 6.495-.426	00.1	3



No.	Name.	Mag.	R. A 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
8901	+0 865	9.1	4 44 42.05	+3.0951+.0060	+1 0 41.0	+ 6.470-.430	99.6	2
8902	+0 867	8.9	45 17.76	+3.0921+.0060	+0 52 42.2	+ 6.421-.430	00.0	2
8903	+0 868	8.5	45 23.96	+3.0880+.0059	+0 41 34.6	+ 6.412-.429	99.4	2
8904	-0 786	9.2	45 46.10	+3.0542+.0056	-0 50 19.1	+ 6.382-.425	99.6	2
8905	-0 789	8.8	46 33.74	+3.0670+.0057	-0 15 23.6	+ 6.316-.427	99.5	2
8906	+0 876 <sup>1</sup>	8.9	46 39.37	+3.0966+.0059	+1 4 45.3	+ 6.308-.431	99.6	2
8907	+0 876 <sup>2</sup>	9.0	46 39.61	+3.0966+.0059	+1 4 46.0	+ 6.308-.431	99.6	2
8908	+0 878	9.0	47 2.13	+3.0857+.0058	+0 35 2.4	+ 6.277-.430	99.5	2
8909	+0 881	8.7	47 16.57	+3.0904+.0058	+0 47 54.6	+ 6.257-.430	99.9	2
8910	-0 792	9.5	47 22.61	+3.0698+.0057	-0 7 55.6	+ 6.248-.428	99.5	2
8911	+0 887	9.0	48 5.22	+3.0783+.0057	+0 14 58.1	+ 6.189-.429	00.0	2
8912	+0 889	9.0	48 27.43	+3.0747+.0057	+0 5 19.1	+ 6.158-.429	99.6	2
8913	-0 796	9.3	49 19.61	+3.0648+.0056	-0 21 30.7	+ 6.086-.428	99.5	2
8914	+0 892	9.0	49 27.94	+3.0940+.0058	+0 57 17.0	+ 6.074-.432	99.4	2
8915	+0 893	5.9	49 42.51	+3.0795+.0056	+0 18 18.4	+ 6.054-.430	99.2	2
8916	-1 753	9.2	50 3.90	+3.0448+.0054	-1 15 12.1	+ 6.024-.426	99.6	2
8917	+0 897 <sup>1</sup>	9.2	50 4.62	+3.0907+.0057	+0 48 23.4	+ 6.023-.432	99.6	2
8918	+0 897 <sup>2</sup>	9.4	50 4.85	+3.0906+.0057	+0 48 18.5	+ 6.023-.432	00.0	2
8919	-0 800*	9.0	50 8.79	+3.0727+.0056	-0 0 8.3	+ 6.018-.430	99.5	2
8920	-1 754	9.0	50 10.01	+3.0482+.0054	-1 6 5.8	+ 6.016-.426	00.0	2
8921	-0 801	8.7	50 14.28	+3.0669+.0055	-0 15 37.3	+ 6.010-.429	99.4	2
8922	+0 898	8.8	50 24.29	+3.0964+.0057	+1 3 41.6	+ 5.996-.433	00.1	2
8923	+0 899	8.8	50 28.67	+3.0788+.0056	+0 16 30.9	+ 5.990-.431	99.6	2
8924	+0 901	8.8	50 39.06	+3.0947+.0057	+0 59 13.4	+ 5.975-.433	00.1	2
8925	+0 902	9.0	50 49.53	+3.0865+.0056	+0 36 59.8	+ 5.961-.432	00.1	2
8926	-1 758	8.9	50 57.06	+3.0316+.0053	-1 50 32.8	+ 5.950-.424	00.0	2
8927	+0 903	9.0	51 14.68	+3.0753+.0056	+0 7 1.7	+ 5.926-.431	99.5	2
8928	+0 904	9.1	51 32.96	+3.0933+.0057	+0 55 18.2	+ 5.900-.433	99.4	2
8929	+0 905	8.5	52 13.76	+3.0914+.0056	+0 50 5.7	+ 5.843-.433	99.0	2
8930	+0 906	8.7	52 58.44	+3.0886+.0056	+0 42 42.1	+ 5.781-.433	99.4	2
8931	-0 810	9.3	53 6.54	+3.0622+.0054	-0 28 11.0	+ 5.770-.430	99.5	2
8932	-0 811	8.6	53 7.68	+3.0568+.0053	-0 42 36.7	+ 5.768-.429	99.5	2
8933	-1 764	9.5	53 33.35	+3.0377+.0052	-1 33 52.2	+ 5.732-.427	00.0	2
8934	-0 815	9.0	53 33.89	+3.0536+.0053	-0 51 17.4	+ 5.731-.429	99.5	2
8935	-1 765	9.0	53 42.05	+3.0478+.0053	-1 6 47.8	+ 5.720-.428	99.6	2
8936	-1 767	9.4	53 44.78	+3.0476+.0053	-1 7 22.5	+ 5.716-.428	00.1	2
8937	+0 915	9.0	54 48.87	+3.0955+.0055	+1 1 0.5	+ 5.627-.435	99.5	2
8938	+0 916	9.0	55 11.14	+3.0919+.0055	+0 51 23.9	+ 5.596-.435	99.5	2
8939	+0 918	9.0	55 33.40	+3.0792+.0054	+0 17 16.3	+ 5.564-.433	00.1	2
8940	Anon	9.1	55 34.05	+3.0804+.0054	+0 20 41.1	+ 5.563-.434	00.1	2
8941	-0 820	9.0	55 34.63	+3.0684+.0053	-0 11 26.5	+ 5.563-.432	99.6	2
8942	-0 821*	9.0	55 36.58	+3.0541+.0052	-0 49 47.8	+ 5.560-.430	99.4	2
8943	-1 774	8.8	55 58.61	+3.0413+.0051	-1 24 1.0	+ 5.529-.428	99.5	2
8944	+0 920	8.6	55 59.30	+3.0873+.0054	+0 38 55.5	+ 5.528-.435	00.0	2
8945	-0 825	8.9	56 4.24	+3.0658+.0053	-0 18 25.2	+ 5.521-.432	99.6	2
8946	+0 923	6.2	56 41.53	+3.0857+.0054	+0 34 36.4	+ 5.469-.435	99.6	2
8947	+0 924	8.3	56 46.86	+3.0930+.0054	+0 54 10.1	+ 5.461-.436	99.0	2
8948	-1 779	8.8	57 11.79	+3.0308+.0050	-1 51 49.5	+ 5.426-.428	99.6	2
8949	-1 781	9.9	57 14.59	+3.0426+.0051	-1 20 35.2	+ 5.422-.429	00.1	2
8950	-0 828	9.0	4 57 15.92	+3.0561+.0052	-0 44 25.7	+ 5.421-.431	99.4	2

8919 8°88 8°70.

8942 36°66 36°50.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	$^{\circ}$	M	h m s	s s	$^{\circ} / "$	" "		
8951	+0 933	8.8	4 59 12.93	+3.0943+.0053	+0 57 31.6	+ 5.256-.437	99.4	2
8952	+0 934	9.2	59 23.61	+3.0943+.0053	+0 57 23.3	+ 5.241-.438	00.0	2
8953	-1 793	8.6	59 48.00	+3.0384+.0049	-1 31 18.0	+ 5.207-.430	00.0	2
8954	-0 838	9.5	59 55.84	+3.0525+.0050	-0 53 50.3	+ 5.196-.432	99.4	2
8955	-1 794	8.9	59 56.60	+3.0370+.0049	-1 35 12.6	+ 5.195-.430	99.6	2
8956	-1 795	8.3	4 59 57.94	+3.0430+.0050	-1 19 6.7	+ 5.193-.431	99.6	2
8957	+0 939*	Var	5 0 13.83	+3.0962+.0052	+1 2 24.8	+ 5.170-.438	99.4	2
8958	+0 940	8.9	0 24.60	+3.0771+.0051	+0 11 37.7	+ 5.155-.436	00.0	2
8959	-0 841	9.0	0 50.45	+3.0735+.0051	+0 2 9.0	+ 5.119-.435	00.0	2
8960	-1 805	9.0	2 28.53	+3.0361+.0048	-1 37 19.5	+ 4.980-.431	99.5	2
8961	+0 950	9.1	2 38.43	+3.0755+.0050	+0 7 30.8	+ 4.966-.436	99.6	2
8962	+0 951	8.7	2 47.32	+3.0954+.0051	+1 0 15.1	+ 4.954-.439	99.4	2
8963	+0 956	9.0	3 2.78	+3.0956+.0051	+1 0 44.7	+ 4.932-.439	99.6	2
8964	+0 957	9.0	3 13.18	+3.0871+.0050	+0 38 5.5	+ 4.917-.438	99.6	2
8965	-1 812	9.3	3 41.80	+3.0366+.0047	-1 35 50.2	+ 4.877-.431	00.0	2
8966	-1 813	9.2	3 47.16	+3.0497+.0048	-1 1 1.8	+ 4.869-.433	99.5	2
8967	+0 964	9.2	4 50.14	+3.0929+.0050	+0 53 19.9	+ 4.780-.440	99.6	2
8968	-0 866	8.9	4 50.37	+3.0557+.0048	-0 45 7.7	+ 4.780-.435	00.0	2
8969	-0 867	6.4	4 57.33	+3.0571+.0048	-0 41 24.9	+ 4.770-.435	99.6	2
8970	+0 968*	9.0	5 13.33	+3.0955+.0050	+1 0 13.3	+ 4.747-.440	99.5	2
8971	+0 971	8.5	5 28.91	+3.0877+.0049	+0 39 41.0	+ 4.725-.439	99.6	2
8972	+0 975	6.1	6 35.74	+3.0935+.0049	+0 54 53.3	+ 4.630-.440	99.0	2
8973	-0 876	9.1	6 44.10	+3.0546+.0047	-0 47 48.3	+ 4.618-.435	99.4	2
8974	-1 829	9.2	7 35.19	+3.0348+.0046	-1 40 3.7	+ 4.546-.433	99.1	2
8975	+0 983	9.1	7 57.62	+3.0813+.0048	+0 22 40.8	+ 4.514-.439	99.6	2
8976	+0 986	8.9	8 14.34	+3.0819+.0048	+0 24 20.4	+ 4.490-.440	99.5	2
8977	-0 885	9.4	8 21.09	+3.0516+.0046	-0 55 37.0	+ 4.481-.436	99.5	2
8978	+0 988	6.5	8 38.76	+3.0828+.0047	+0 26 36.3	+ 4.456-.440	99.4	2
8979	-0 890	6.0	9 30.92	+3.0573+.0046	-0 40 42.3	+ 4.381-.437	99.4	2
8980	-0 892	8.5	10 14.34	+3.0715+.0046	-0 3 12.4	+ 4.320-.439	00.0	2
8981	-1 837	6.1	10 14.80	+3.0380+.0044	-1 31 26.3	+ 4.319-.434	99.5	2
8982	+0 997	9.0	10 23.93	+3.0746+.0046	+0 5 0.7	+ 4.306-.440	99.0	2
8983	-0 900	8.8	11 5.06	+3.0526+.0045	-0 53 0.4	+ 4.247-.437	00.0	2
8984	-1 840	9.5	11 19.35	+3.0430+.0044	-1 18 19.9	+ 4.227-.435	00.0	2
8985	-1 841	8.6	11 21.20	+3.0327+.0044	-1 45 12.2	+ 4.224-.434	00.0	2
8986	-0 906	9.6	11 31.69	+3.0671+.0045	-0 15 2.8	+ 4.209-.439	00.0	2
8987	-1 848	9.0	12 16.92	+3.0393+.0043	-1 27 47.9	+ 4.145-.435	00.0	2
8988	-0 911	8.9	12 37.55	+3.0618+.0044	-0 28 41.3	+ 4.115-.438	99.0	2
8989	+0 1003	8.5	13 13.79	+3.0838+.0045	+0 29 8.9	+ 4.064-.442	99.0	2
8990	-1 853	9.1	13 25.31	+3.0443+.0043	-1 14 40.0	+ 4.047-.436	00.0	2
8991	+0 1011	8.9	14 16.07	+3.0960+.0045	+1 1 3.2	+ 3.975-.445	99.6	2
8992	+0 1013	9.0	14 30.59	+3.0895+.0044	+0 43 58.2	+ 3.954-.443	99.6	2
8993	-1 859	6.4	14 31.28	+3.0380+.0042	-1 30 56.3	+ 3.953-.436	00.0	2
8994	-1 861	9.0	14 36.00	+3.0393+.0042	-1 27 34.3	+ 3.946-.436	00.0	2
8995	-1 862	8.2	14 36.72	+3.0357+.0042	-1 37 10.6	+ 3.945-.436	00.0	2
8996	-1 867	9.4	14 56.08	+3.0474+.0042	-1 6 19.6	+ 3.918-.437	00.1	2
8997	+0 1016	9.0	15 16.40	+3.0928+.0044	+0 52 32.1	+ 3.889-.444	99.4	2
8998	+0 1018	9.2	15 30.88	+3.0840+.0044	+0 29 35.4	+ 3.868-.443	99.0	2
8999	+0 1019	8.8	15 43.40	+3.0937+.0044	+0 54 56.6	+ 3.850-.444	99.6	2
9000	-0 929	5.6	5 16 25.53	+3.0609+.0042	-0 30 56.7	+ 3.790-.440	00.1	2

8957 W Orionis 5<sup>m</sup>9 to 7<sup>m</sup>7.8970 13<sup>h</sup>41 13<sup>m</sup>24.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
9001	-0 930	4.6	5 16 39.42	+3.0617+.0042	-0 28 52.4	+ 3.770-.440	00.1	3
9002	+0 1028*	9.5	17 12.91	+3.0951+.0043	+0 58 27.1	+ 3.722-.445	99.5	2
9003	-0 933	8.7	17 35.57	+3.0737+.0042	+0 2 34.7	+ 3.689-.442	99.4	2
9004	+0 1032	9.0	17 37.73	+3.0753+.0042	+0 6 49.5	+ 3.686-.442	99.6	2
9005	+0 1033	8.6	17 53.73	+3.0806+.0042	+0 20 36.7	+ 3.663-.443	99.4	2
9006	+0 1035 <sup>1*</sup>	8.5	17 55.89	+3.0948+.0043	+0 57 40.6	+ 3.660-.445	99.6	2
9007	+0 1035 <sup>2</sup>	8.7	17 55.96	+3.0948+.0043	+0 57 46.2	+ 3.660-.445	99.6	2
9008	+0 1036	8.5	18 0.36	+3.0967+.0043	+1 2 39.2	+ 3.654-.445	99.5	2
9009	+0 1040	9.0	18 20.14	+3.0858+.0042	+0 34 6.6	+ 3.625-.444	99.6	2
9010	-1 880	9.0	18 34.90	+3.0508+.0041	-0 57 21.8	+ 3.604-.439	00.0	2
9011	-0 936	5.6	18 35.46	+3.0669+.0041	-0 15 13.7	+ 3.603-.441	00.1	3
9012	+0 1041	8.8	18 42.16	+3.0904+.0042	+0 46 9.2	+ 3.594-.445	99.6	2
9013	-1 886	5.2	19 23.82	+3.0500+.0040	-0 59 13.8	+ 3.534-.439	00.0	2
9014	+0 1046	8.9	19 41.07	+3.0882+.0042	+0 40 30.4	+ 3.509-.445	99.6	2
9015	+0 1056	6.0	20 38.54	+3.0826+.0041	+0 25 52.5	+ 3.427-.444	99.5	2
9016	-0 946	9.0	20 56.70	+3.0533+.0040	-0 50 49.8	+ 3.400-.440	99.6	2
9017	+0 1058	8.8	20 56.84	+3.0899+.0040	+0 44 44.7	+ 3.400-.445	99.5	2
9018	+0 1060	8.6	21 6.98	+3.0951+.0041	+0 58 15.5	+ 3.386-.446	99.6	2
9019	+0 1062	9.2	21 10.98	+3.0891+.0041	+0 42 41.6	+ 3.380-.445	00.1	2
9020	+0 1063	8.8	21 13.38	+3.0891+.0041	+0 42 38.5	+ 3.376-.445	99.8	3
9021	+0 1065*	9.7	21 18.02	+3.0900+.0041	+0 45 6.9	+ 3.370-.445	99.5	2
9022	+0 1066	8.9	21 24.41	+3.0828+.0040	+0 26 23.7	+ 3.361-.444	99.4	2
9023	+0 1068 <sup>1</sup>	9.3	21 46.25	+3.0855+.0040	+0 33 25.9	+ 3.329-.445	00.1	3
9024	+0 1068 <sup>2</sup>	9.5	21 46.50	+3.0855+.0040	+0 33 26.1	+ 3.329-.445	00.1	2
9025	+0 1077	8.8	22 27.02	+3.0869+.0040	+0 37 0.5	+ 3.271-.445	99.4	2
9026	+0 1078	8.4	22 27.03	+3.0963+.0040	+1 1 21.3	+ 3.271-.447	00.1	2
9027	-0 956	9.1	22 34.16	+3.0616+.0039	-0 29 7.6	+ 3.260-.442	00.0	2
9028	-0 958	8.6	22 36.58	+3.0648+.0039	-0 20 36.0	+ 3.257-.442	99.6	2
9029	+0 1082	8.4	22 44.42	+3.0962+.0040	+1 1 16.0	+ 3.246-.447	00.1	2
9030	+0 1085	9.0	23 1.08	+3.0889+.0040	+0 42 12.6	+ 3.222-.446	99.1	2
9031	-0 960	6.6	23 18.48	+3.0713+.0040	-0 3 43.3	+ 3.197-.443	99.6	2
9032	+0 1089	8.8	24 6.11	+3.0754+.0039	+0 7 6.5	+ 3.128-.444	99.5	2
9033	+0 1091	8.8	24 37.55	+3.0750+.0038	+0 5 50.7	+ 3.083-.444	99.5	2
9034	-1 913	5.0	24 39.28	+3.0457+.0038	-1 10 15.6	+ 3.080-.440	99.6	2
9035	Anon	9.8	24 40.08	+3.0457+.0037	-1 10 14.4	+ 3.079-.440	99.6	2
9036	-1 920	9.0	25 5.33	+3.0472+.0037	-1 6 23.0	+ 3.043-.440	99.6	2
9037	+0 1098	8.1	25 26.65	+3.0794+.0038	+0 17 17.9	+ 3.012-.445	99.0	2
9038	-0 981	8.5	26 35.61	+3.0736+.0037	+0 2 12.3	+ 2.913-.444	99.4	2
9039	-0 984	9.0	26 57.70	+3.0611+.0037	-0 30 11.0	+ 2.881-.443	99.6	2
9040	+0 1108	8.8	27 22.93	+3.0947+.0038	+0 57 2.9	+ 2.844-.448	99.6	2
9041	-1 938	8.7	27 59.29	+3.0424+.0036	-1 18 44.7	+ 2.792-.440	99.5	2
9042	+0 1113	8.6	28 17.39	+3.0854+.0037	+0 33 3.1	+ 2.766-.447	99.0	2
9043	-0 990	9.0	28 21.28	+3.0609+.0036	-0 30 41.8	+ 2.760-.443	99.6	2
9044	-0 996	8.5	28 56.07	+3.0601+.0036	-0 32 43.1	+ 2.710-.443	99.6	2
9045	-1 957	9.1	30 16.46	+3.0473+.0035	-1 5 58.8	+ 2.594-.442	99.5	2
9046	+0 1128	8.8	30 21.77	+3.0727+.0036	+0 25 49.8	+ 2.586-.447	99.0	2
9047	-0 1011	8.9	30 27.45	+3.0735+.0035	+0 2 0.6	+ 2.578-.445	98.9	2
9048	+0 1129	9.1	30 35.01	+3.0882+.0036	+0 40 0.9	+ 2.567-.448	99.2	2
9049	+0 1131	9.0	31 37.49	+3.0780+.0035	+0 13 43.5	+ 2.476-.446	99.5	2
9050	-1 982	8.5	5 32 30.81	+3.0384+.0033	-1 28 57.3	+ 2.399-.441	00.1	2

9002 26°0 28'2.

9006 55°98 55'79.

9021 5°8 7'9(?).



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	$^{\circ}$	M	h m s	s s	$^{\circ} ' "$	" "		
9051	-0 1029	9.1	5 32 31.46	+3.0508+.0034	-0 56 51.7	+ 2.398-.442	99.5	2
9052	+0 1139	8.5	32 42.16	+3.0787+.0034	+0 15 26.6	+ 2.383-.447	99.4	2
9053	-0 1033	9.0	32 50.44	+3.0670+.0034	-0 14 56.9	+ 2.371-.445	99.6	2
9054	-0 1034 <sup>1*</sup>	8.9	32 59.56	+3.0671+.0034	-0 14 36.8	+ 2.357-.445	00.0	2
9055	-0 1034 <sup>2*</sup>	8.9	32 59.69	+3.0671+.0034	-0 14 35.9	+ 2.357-.445	00.0	2
9056	-0 1035 <sup>1</sup>	9.2	33 2.39	+3.0671+.0034	-0 14 28.3	+ 2.353-.445	99.6	2
9057	-0 1035 <sup>2</sup>	9.2	33 3.02	+3.0671+.0034	-0 14 33.9	+ 2.353-.445	99.6	2
9058	-1 986	9.5	33 6.02	+3.0470+.0033	-1 6 33.1	+ 2.348-.442	99.4	2
9059	-1 987	8.3	33 9.18	+3.0443+.0033	-1 13 41.4	+ 2.344-.442	99.6	2
9060	-1 998*	9.0	35 0.03	+3.0317+.0032	-1 46 1.9	+ 2.183-.440	$\begin{smallmatrix} 99.6 \\ 00.1 \end{smallmatrix}$	2, 1
9061	-1 1000	9.0	35 3.02	+3.0329+.0032	-1 42 58.3	+ 2.179-.440	99.6	2
9062	+0 1150	9.0	35 7.55	+3.0940+.0033	+0 55 6.1	+ 2.172-.449	99.6	2
9063	-1 1004	5.0	35 46.06	+3.0452+.0032	-1 10 52.9	+ 2.116-.442	99.4	2
9064	-1 1006	9.1	35 55.30	+3.0446+.0032	-1 12 39.8	+ 2.103-.442	00.0	2
9065	+0 1152	6.0	35 57.45	+3.0793+.0032	+0 17 5.2	+ 2.100-.447	99.0	2
9066	-1 1010	9.6	36 32.96	+3.0324+.0031	-1 44 16.9	+ 2.048-.440	00.1	2
9067	-0 1060	8.9	37 45.99	+3.0724+.0031	-0 0 54.8	+ 1.942-.446	00.0	2
9068	-0 1061	8.9	37 48.04	+3.0722+.0031	-0 1 19.4	+ 1.939-.446	00.0	2
9069	+0 1163	8.4	38 17.04	+3.0757+.0031	+0 7 43.1	+ 1.897-.447	99.0	2
9070	+0 1165	9.0	38 29.81	+3.0892+.0031	+0 42 26.6	+ 1.879-.449	99.6	2
9071	+0 1166	8.8	38 38.30	+3.0962+.0031	+1 0 29.5	+ 1.866-.450	99.6	2
9072	+0 1168	9.0	39 2.85	+3.0940+.0031	+0 54 48.6	+ 1.831-.450	99.6	2
9073	+0 1170	9.2	39 11.16	+3.0750+.0030	+0 6 0.8	+ 1.819-.447	99.6	2
9074	+0 1172	9.5	39 22.08	+3.0833+.0030	+0 27 13.9	+ 1.803-.448	00.1	2
9075	-0 1070	9.4	39 22.13	+3.0573+.0030	-0 39 44.9	+ 1.803-.444	00.1	2
9076	-1 1016	9.2	39 29.65	+3.0342+.0029	-1 39 27.7	+ 1.792-.441	00.1	2
9077	-0 1073	9.1	39 41.47	+3.0703+.0030	-0 6 18.5	+ 1.775-.446	00.0	2
9078	+0 1174	9.0	39 45.97	+3.0848+.0030	+0 31 15.9	+ 1.768-.449	99.4	2
9079	-1 1022	9.3	41 8.71	+3.0364+.0029	-1 33 47.5	+ 1.648-.442	00.1	2
9080	-0 1080	9.3	41 19.79	+3.0562+.0029	-0 42 39.3	+ 1.632-.445	00.0	2
9081	+0 1178	8.6	41 45.51	+3.0944+.0029	+0 55 47.6	+ 1.594-.450	99.2	2
9082	-1 1023	9.2	41 50.50	+3.0327+.0028	-1 43 11.9	+ 1.587-.441	00.0	2
9083	-1 1024	9.3	41 51.46	+3.0318+.0028	-1 45 26.4	+ 1.586-.441	00.0	2
9084	-1 1032	9.0	44 0.74	+3.0277+.0027	-1 55 53.2	+ 1.398-.441	00.0	2
9085	-1 1034	9.2	44 6.40	+3.0388+.0027	-1 27 26.7	+ 1.390-.442	00.1	2
9086	+0 1187	8.3	44 50.74	+3.0756+.0027	+0 7 23.2	+ 1.325-.448	99.0	2
9087	+0 1193	9.0	45 47.92	+3.0799+.0027	+0 18 34.4	+ 1.242-.448	99.0	2
9088	-1 1045	9.4	46 41.73	+3.0279+.0025	-1 55 27.1	+ 1.163-.441	00.0	2
9089	-1 1046	9.4	46 53.42	+3.0408+.0026	-1 22 10.0	+ 1.146-.443	00.0	2
9090	+0 1203	9.0	48 17.94	+3.0904+.0026	+0 45 24.7	+ 1.023-.450	99.4	2
9091	-1 1055	8.8	48 24.83	+3.0424+.0025	-1 18 9.1	+ 1.013-.443	00.0	2
9092	+0 1208	6.2	49 34.52	+3.0948+.0025	+0 56 57.4	+ 0.912-.451	00.0	2
9093	+0 1211	8.8	49 48.51	+3.0858+.0024	+0 33 33.9	+ 0.891-.450	99.6	2
9094	-1 1060	8.6	50 4.60	+3.0274+.0024	-1 56 39.3	+ 0.868-.441	00.0	2
9095	-1 1064	9.0	50 27.05	+3.0476+.0024	-1 4 45.8	+ 0.835-.444	00.0	2
9096	-1 1070	9.0	51 23.53	+3.0298+.0023	-1 50 20.3	+ 0.753-.442	99.6	2
9097	+0 1227	8.3	52 18.01	+3.0731+.0023	+0 0 54.5	+ 0.674-.448	99.6	2
9098	+0 1229	8.8	52 18.41	+3.0814+.0023	+0 22 17.6	+ 0.673-.449	00.1	2
9099	+0 1228	9.0	52 19.24	+3.0776+.0023	+0 12 37.4	+ 0.672-.448	99.6	2
9100	+0 1230	8.7	5 52 19.37	+3.0818+.0023	+0 23 14.1	+ 0.672-.449	00.1	2

9054-5 Mean 59°58 37'8 99½ 1 obs.

9060 [14'4] 1'9.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
9101	-1 1075	9.1	5 52 36.82	+3.0300+.0023	-1 49 54.3	+ 0.646-.442	00.0	2
9102	-1 1078	6.3	53 6.62	+3.0493+.0022	-1 0 13.8	+ 0.603-.444	00.0	2
9103	+0 1239	5.2	53 41.08	+3.0854+.0022	+0 32 37.4	+ 0.552-.450	00.0	2
9104	+0 1242	8.5	54 44.04	+3.0739+.0022	+0 3 1.0	+ 0.461-.448	99.6	2
9105	-1 1087	9.2	55 40.15	+3.0350+.0021	-1 36 51.8	+ 0.379-.442	00.0	2
9106	-1 1088	9.3	56 0.29	+3.0360+.0021	-1 34 18.9	+ 0.350-.442	00.1	2
9107	-1 1091	9.1	56 40.89	+3.0316+.0020	-1 45 38.6	+ 0.290-.442	00.0	2
9108	+0 1255	9.3	57 4.13	+3.0955+.0020	+0 58 30.6	+ 0.256-.451	00.1	2
9109	-0 1147	9.1	57 34.98	+3.0526+.0020	-0 51 37.4	+ 0.211-.445	99.6	2
9110	-0 1154	8.8	58 55.97	+3.0676+.0019	-0 13 14.6	+ 0.093-.447	99.6	2
9111	+0 1264	9.2	59 5.81	+3.0871+.0019	+0 37 1.5	+ 0.079-.450	99.6	2
9112	+0 1267	9.4	5 59 55.39	+3.0880+.0018	+0 39 15.4	+ 0.007-.450	99.6	2
9113	+0 1270	7.3	6 0 13.90	+3.0872+.0018	+0 37 11.6	- 0.020-.450	99.6	2
9114	+0 1272	9.2	0 39.77	+3.0837+.0018	+0 28 8.6	- 0.058-.449	00.1	2
9115	+0 1278	8.7	1 11.00	+3.0732+.0018	+0 1 18.5	- 0.104-.448	99.6	2
9116	+0 1285	8.5	1 51.88	+3.0748+.0018	+0 5 15.3	- 0.163-.448	99.6	2
9117	+0 1286	9.0	1 53.68	+3.0921+.0017	+0 49 42.7	- 0.166-.450	00.1	2
9118	+0 1288	8.9	1 56.95	+3.0908+.0017	+0 46 28.6	- 0.171-.450	99.6	2
9119	+0 1289 <sup>1</sup>	9.4	2 0.18	+3.0806+.0018	+0 20 16.9	- 0.175-.449	00.1	2
9120	+0 1289 <sup>2</sup>	9.1	2 1.83	+3.0806+.0017	+0 20 20.1	- 0.178-.449	00.0	2
9121	-0 1180	9.5	2 29.45	+3.0496+.0017	-0 59 35.1	- 0.218-.444	99.6	2
9122	+0 1295	9.4	2 57.38	+3.0940+.0017	+0 54 39.6	- 0.259-.451	99.6	2
9123	+0 1299	8.9	3 47.28	+3.0764+.0016	+0 9 33.3	- 0.331-.448	99.0	2
9124	+0 1302	9.0	4 59.72	+3.0897+.0016	+0 43 42.6	- 0.437-.450	99.1	2
9125	+0 1305	9.5	5 32.28	+3.0759+.0015	+0 8 8.0	- 0.484-.448	99.6	2
9126	+0 1307	8.9	5 36.28	+3.0768+.0015	+0 10 22.9	- 0.490-.448	99.6	2
9127	-1 1138	9.0	6 23.14	+3.0264+.0015	-1 59 7.9	- 0.559-.441	99.6	2
9128	-1 1140	9.2	6 41.14	+3.0481+.0015	-1 3 17.2	- 0.585-.444	99.5	2
9129	+0 1327	8.5	8 4.41	+3.0770+.0014	+0 11 6.3	- 0.706-.448	99.2	2
9130	-0 1215	9.0	8 7.59	+3.0508+.0014	-0 56 23.2	- 0.711-.444	99.2	2
9131	-1 1155	8.7	8 33.40	+3.0308+.0014	-1 47 42.2	- 0.749-.441	99.6	2
9132	-1 1156	8.7	8 45.25	+3.0486+.0014	-1 2 0.6	- 0.766-.444	99.4	2
9133	+0 1338	8.9	9 16.51	+3.0934+.0013	+0 53 18.0	- 0.811-.450	99.6	2
9134	+0 1349	7.2	10 22.56	+3.0929+.0012	+0 51 59.1	- 0.908-.450	99.5	3
9135	+0 1350	9.0	10 33.71	+3.0728+.0013	+0 0 12.7	- 0.924-.447	99.5	2
9136	-1 1168	9.1	10 35.22	+3.0444+.0013	-1 12 57.2	- 0.926-.443	99.4	2
9137	+0 1352	8.7	10 55.73	+3.0939+.0012	+0 54 32.0	- 0.956-.450	99.6	2
9138	+0 1354	7.3	11 7.33	+3.0739+.0012	+0 2 55.4	- 0.973-.447	99.6	2
9139	+0 1353	8.8	11 8.34	+3.0903+.0012	+0 45 20.1	- 0.974-.450	99.6	2
9140	+0 1355	9.3	11 19.69	+3.0869+.0012	+0 36 33.7	- 0.991-.449	99.6	2
9141	+0 1360	9.0	11 57.42	+3.0790+.0012	+0 16 17.8	- 1.046-.448	00.1	2
9142	+0 1361	9.1	11 58.65	+3.0945+.0012	+0 56 11.0	- 1.047-.450	99.6	2
9143	-1 1185	9.0	12 56.34	+3.0349+.0012	-1 37 24.1	- 1.131-.441	99.6	2
9144	-1 1191	9.0	14 24.67	+3.0337+.0011	-1 40 33.8	- 1.260-.441	99.2	2
9145	-1 1194	8.8	14 50.90	+3.0355+.0011	-1 35 48.3	- 1.298-.441	99.5	2
9146	-1 1195	9.2	15 5.48	+3.0450+.0011	-1 11 22.9	- 1.319-.442	99.5	2
9147	-0 1265	9.5	16 27.80	+3.0662+.0009	-0 16 52.7	- 1.439-.445	99.6	2
9148	-1 1212	8.8	16 58.57	+3.0266+.0010	-1 58 55.2	- 1.484-.439	99.8	3
9149	Anon	9.4	16 58.66	+3.0266+.0010	-1 58 49.1	- 1.484-.439	00.1	3
9150	+0 1396	9.2	6 17 6.96	+3.0741+.0009	+0 3 28.4	- 1.496-.446	99.6	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	$^{\circ}$	$M$	$h\ m\ s$	$s\ s$	$^{\circ}\ ' \ ''$	$''\ ''$		
9151	-1 1216	9.0	6 17 15.44	+3.0323+.0010	-1 44 11.3	- 1.508-.440	99.2	2
9152	-1 1217	9.0	17 18.02	+3.0342+.0010	-1 39 21.9	- 1.512-.440	99.5	2
9153	+0 1397	9.2	17 32.60	+3.0761+.0009	+0 8 37.8	- 1.533-.446	99.6	2
9154	-1 1218	9.0	17 48.10	+3.0389+.0009	-1 27 5.5	- 1.556-.441	99.5	2
9155	+0 1400	8.8	18 9.24	+3.0944+.0008	+0 56 1.5	- 1.587-.449	99.6	2
9156	-0 1278	9.2	18 36.49	+3.0658+.0008	-0 17 57.5	- 1.626-.445	99.6	2
9157	+0 1402	9.0	18 37.32	+3.0735+.0008	+0 2 2.4	- 1.627-.446	99.6	2
9158	+0 1407	8.4	19 33.57	+3.0951+.0007	+0 57 45.0	- 1.709-.449	99.2	2
9159	+0 1409	9.0	19 39.14	+3.0774+.0007	+0 11 57.7	- 1.717-.446	99.2	2
9160	+0 1412	9.0	19 59.42	+3.0892+.0007	+0 42 37.3	- 1.747-.448	99.5	2
9161	-1 1237	8.8	21 8.48	+3.0378+.0008	-1 30 3.6	- 1.847-.440	99.5	2
9162	-1 1239	9.0	21 24.84	+3.0426+.0007	-1 17 44.8	- 1.871-.441	99.6	2
9163	+0 1419	8.8	21 37.14	+3.0843+.0006	+0 29 49.6	- 1.889-.447	99.6	2
9164	+0 1420	9.2	21 43.64	+3.0933+.0006	+0 53 4.6	- 1.898-.448	99.6	2
9165	+0 1425	8.2	22 1.55	+3.0772+.0006	+0 11 40.9	- 1.924-.446	99.2	2
9166	+0 1426	5.3	22 5.65	+3.0811+.0006	+0 21 33.4	- 1.930-.446	99.2	2
9167	-1 1245	9.0	22 36.36	+3.0318+.0007	-1 45 33.3	- 1.975-.439	99.1	2
9168	+0 1437	6.7	23 44.62	+3.0772+.0005	+0 11 30.4	- 2.074-.445	99.0	2
9169	+0 1442	8.9	24 18.90	+3.0789+.0005	+0 15 56.8	- 2.123-.445	99.2	2
9170	+0 1443	8.5	24 52.69	+3.0823+.0004	+0 24 45.0	- 2.172-.446	99.2	2
9171	+0 1445	9.0	24 59.07	+3.0922+.0004	+0 50 31.0	- 2.182-.447	99.6	2
9172	+0 1460	9.3	26 26.51	+3.0935+.0003	+0 53 41.7	- 2.308-.447	99.5	2
9173	+0 1462	9.2	26 44.11	+3.0895+.0003	+0 43 23.0	- 2.334-.446	99.2	2
9174	+0 1464	9.0	27 0.22	+3.0807+.0003	+0 20 44.7	- 2.357-.445	99.2	2
9175	+0 1469	8.7	27 35.71	+3.0844+.0003	+0 30 15.1	- 2.408-.445	99.2	2
9176	-1 1270	9.0	27 52.37	+3.0327+.0004	-1 43 39.9	- 2.433-.438	99.2	2
9177	+0 1474	8.7	28 27.83	+3.0736+.0003	+0 2 16.9	- 2.484-.443	99.2	2
9178	+0 1476	8.7	28 33.96	+3.0891+.0002	+0 42 24.2	- 2.493-.446	99.0	2
9179	+0 1479	9.2	29 0.72	+3.0947+.0002	+0 57 0.3	- 2.532-.446	99.1	2
9180	+0 1491	5.7	30 6.36	+3.0951+.0001	+0 58 9.6	- 2.626-.446	99.2	2
9181	-0 1350	9.1	30 16.88	+3.0711+.0002	-0 4 15.8	- 2.642-.443	99.2	2
9182	-1 1289	8.9	30 42.32	+3.0356+.0003	-1 36 13.6	- 2.678-.437	99.6	2
9183	+0 1504	8.7	31 32.38	+3.0871.0000	+0 37 22.6	- 2.751-.444	99.1	2
9184	+0 1505	8.9	31 43.78	+3.0738+.0001	+0 2 55.0	- 2.767-.442	99.2	2
9185	+0 1506	9.0	31 53.57	+3.0807.0000	+0 20 46.6	- 2.781-.444	99.5	2
9186	-0 1365	9.0	32 34.06	+3.0702+.0001	-0 6 34.4	- 2.840-.442	99.6	2
9187	+0 1517	9.0	33 18.75	+3.0936-.0001	+0 54 12.8	- 2.904-.445	99.6	2
9188	-1 1310	9.1	33 27.16	+3.0276+.0002	-1 57 19.6	- 2.917-.435	99.6	2
9189	+0 1519	9.0	33 38.81	+3.0806.0000	+0 20 20.6	- 2.933-.443	99.6	2
9190	+0 1520	9.0	33 46.42	+3.0783.0000	+0 14 36.4	- 2.944-.442	99.6	2
9191	+0 1521	9.0	33 48.63	+3.0751.0000	+0 6 11.6	- 2.948-.442	99.6	2
9192	-0 1377	9.1	34 12.37	+3.0569.0000	-0 41 2.8	- 2.982-.439	99.6	2
9193	+0 1526	9.0	34 22.34	+3.0870-.0001	+0 37 12.7	- 2.996-.444	99.5	2
9194	+0 1527	8.5	34 24.46	+3.0882-.0001	+0 40 20.6	- 2.999-.444	99.2	2
9195	+0 1532	8.9	34 56.96	+3.0895-.0002	+0 43 36.7	- 3.046-.444	99.6	2
9196	+0 1542	8.7	35 43.57	+3.0781-.0002	+0 13 54.6	- 3.113-.442	99.1	2
9197	+0 1545	9.2	35 53.36	+3.0870-.0002	+0 37 6.6	- 3.127-.443	99.1	2
9198	-0 1397	9.2	36 37.61	+3.0511-.0001	-0 56 21.7	- 3.191-.438	99.6	2
9199	-0 1398	9.0	36 46.61	+3.0683-.0002	-0 11 29.6	- 3.204-.440	99.6	2
9200	+0 1548	8.8	6 36 47.84	+3.0811-.0002	+0 21 43.4	- 3.206-.442	99.7	3



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
9201	+0 1550	9.4	6 36 57.38	+3.0797-.0002	+0 18 8.1	- 3.219-.442	99.6	2
9202	+0 1553	9.1	37 32.22	+3.0865-.0003	+0 35 57.4	- 3.270-.442	99.6	2
9203	-1 1344	9.1	37 57.83	+3.0266-.0001	-2 0 6.8	- 3.306-.434	99.6	2
9204	+0 1555	9.0	37 58.41	+3.0763-.0003	+0 9 27.4	- 3.307-.441	99.6	2
9205	+0 1558	8.8	38 14.18	+3.0814-.0003	+0 22 35.6	- 3.330-.442	99.5	2
9206	+0 1572	8.7	39 22.90	+3.0784-.0004	+0 14 48.3	- 3.429-.441	99.6	2
9207	+0 1573	8.8	39 27.05	+3.0815-.0004	+0 22 55.9	- 3.435-.441	99.6	2
9208	+0 1574	8.0	39 27.75	+3.0886-.0004	+0 41 27.0	- 3.436-.442	99.1	2
9209	+0 1576	9.1	39 44.98	+3.0893-.0004	+0 43 20.6	- 3.460-.442	99.6	2
9210	-1 1360	9.2	39 48.34	+3.0268-.0002	-1 59 50.0	- 3.465-.433	99.7	2
9211	+0 1578	9.0	39 57.05	+3.0733-.0004	+0 1 26.1	- 3.478-.440	99.6	2
9212	-1 1362	8.9	40 9.97	+3.0269-.0002	-1 59 33.2	- 3.496-.433	99.6	2
9213	-0 1417	9.0	40 22.71	+3.0644-.0004	-0 21 47.0	- 3.515-.438	99.6	2
9214	+0 1587	9.0	41 2.06	+3.0923-.0005	+0 51 6.0	- 3.571-.442	99.5	2
9215	+0 1589	8.9	41 9.47	+3.0775-.0004	+0 12 22.9	- 3.582-.440	99.6	2
9216	-0 1423	9.2	41 21.36	+3.0705-.0004	-0 5 55.3	- 3.599-.439	00.2	2
9217	Anon	9.5	41 22.22	+3.0776-.0004	+0 12 39.2	- 3.600-.440	99.6	2
9218	+0 1592	9.4	41 23.58	+3.0772-.0004	+0 11 36.4	- 3.602-.440	99.6	2
9219	+0 1598	9.2	42 15.06	+3.0912-.0006	+0 48 27.8	- 3.676-.441	99.6	2
9220	-1 1377	9.0	42 16.74	+3.0292-.0003	-1 53 45.5	- 3.678-.432	99.6	2
9221	+0 1605	8.9	42 43.00	+3.0808-.0006	+0 21 5.3	- 3.716-.440	99.6	2
9222	+0 1607	8.8	42 48.11	+3.0930-.0006	+0 53 7.6	- 3.723-.441	99.5	2
9223	-0 1435	9.1	42 53.44	+3.0498-.0004	-0 59 59.7	- 3.731-.435	99.7	2
9224	+0 1609	9.3	42 53.72	+3.0859-.0006	+0 34 27.1	- 3.731-.440	00.1	2
9225	-1 1384	9.1	43 5.72	+3.0296-.0003	-1 52 50.1	- 3.748-.432	99.6	2
9226	-1 1386	5.7	43 14.88	+3.0450-.0004	-1 12 26.9	- 3.762-.434	00.1	2
9227	-0 1438	8.8	43 16.25	+3.0512-.0004	-0 56 18.7	- 3.763-.435	99.6	2
9228	+0 1614	9.4	43 34.18	+3.0879-.0006	+0 39 46.7	- 3.789-.440	00.1	2
9229	+0 1616	8.8	43 39.92	+3.0721-.0006	-0 1 38.7	- 3.797-.438	99.5	2
9230	+0 1624	9.3	44 0.62	+3.0773-.0006	+0 12 6.2	- 3.827-.439	99.6	2
9231	+0 1627	9.3	44 15.04	+3.0921-.0007	+0 50 47.3	- 3.848-.441	00.0	2
9232	-0 1448	9.2	44 19.06	+3.0626-.0006	-0 26 23.0	- 3.853-.436	99.6	2
9233	-0 1449	9.1	44 21.69	+3.0705-.0006	-0 5 47.7	- 3.857-.438	99.7	2
9234	-0 1450	9.2	44 22.87	+3.0538-.0005	-0 49 36.8	- 3.859-.435	99.2	2
9235	+0 1629	9.1	44 28.93	+3.0922-.0007	+0 51 4.2	- 3.867-.441	99.7	2
9236	-1 1397	9.0	44 52.90	+3.0268-.0004	-2 0 25.0	- 3.902-.431	99.6	2
9237	+0 1635	8.9	44 55.92	+3.0927-.0007	+0 52 23.1	- 3.906-.440	00.1	2
9238	-1 1402	9.2	45 8.31	+3.0358-.0005	-1 36 55.3	- 3.924-.433	99.5	2
9239	+0 1650	8.8	46 21.47	+3.0747-.0007	+0 5 7.7	- 4.028-.437	99.5	2
9240	+0 1651	9.0	46 25.99	+3.0822-.0007	+0 24 55.4	- 4.035-.438	99.6	2
9241	+0 1653	9.0	46 28.43	+3.0850-.0008	+0 32 13.0	- 4.038-.439	00.0	2
9242	+0 1655	8.5	46 32.70	+3.0839-.0008	+0 29 17.8	- 4.044-.438	99.2	2
9243	+0 1656	8.2	46 33.49	+3.0938-.0008	+0 55 24.4	- 4.046-.440	99.6	2
9244	+0 1658	9.2	46 36.86	+3.0865-.0008	+0 36 4.2	- 4.050-.439	99.7	2
9245	+0 1659	8.7	46 37.64	+3.0860-.0008	+0 34 43.0	- 4.051-.439	99.7	2
9246	+0 1660	9.2	46 37.88	+3.0861-.0008	+0 35 4.1	- 4.052-.439	99.5	3
9247	+0 1665	8.9	47 10.12	+3.0861-.0008	+0 35 8.9	- 4.098-.439	99.6	2
9248	+0 1676	9.4	47 57.97	+3.0719-.0008	-0 2 9.1	- 4.166-.436	99.6	2
9249	-1 1428	9.2	47 59.73	+3.0325-.0006	-1 45 42.6	- 4.169-.431	99.5	2
9250	-0 1477	9.1	6 48 34.12	+3.0530-.0007	-0 51 45.3	- 4.218-.433	00.0	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	$^{\circ}$	M	h m s	s s	$^{\circ} ' "$	" "		
9251	-0 1476	8.9	6 48 36.51	+3.0636-.0008	-0 23 56.0	- 4.221-.435	99.7	2
9252	+0 1685	8.2	48 39.90	+3.0921-.0009	+0 51 3.5	- 4.226-.439	99.6	2
9253	-0 1480	9.0	48 50.53	+3.0588-.0008	-0 36 29.8	- 4.241-.434	00.1	2
9254	+0 1687	9.2	48 51.44	+3.0885-.0009	+0 41 31.5	- 4.242-.438	99.7	2
9255	-0 1481	9.1	48 52.02	+3.0652-.0008	-0 19 48.0	- 4.243-.435	00.1	2
9256	+0 1688	9.1	48 54.21	+3.0910-.0009	+0 48 7.8	- 4.246-.439	99.7	2
9257	-0 1484	9.1	49 9.09	+3.0612-.0008	-0 30 16.5	- 4.268-.434	99.6	2
9258	+0 1691	9.0	49 14.23	+3.0797-.0009	+0 18 23.6	- 4.275-.437	99.6	2
9259	+0 1713	8.7	51 13.18	+3.0936-.0011	+0 55 6.1	- 4.444-.438	99.1	2
9260	-0 1502	8.7	51 17.86	+3.0558-.0009	-0 44 30.3	- 4.451-.432	99.2	2
9261	+0 1719	7.5	51 38.42	+3.0939-.0011	+0 55 58.8	- 4.480-.438	99.2	2
9262	+0 1724	8.7	51 57.88	+3.0885-.0011	+0 41 41.8	- 4.508-.437	99.2	2
9263	+0 1726	9.1	52 13.77	+3.0941-.0011	+0 56 27.8	- 4.530-.438	99.2	2
9264	+0 1734	9.2	52 41.44	+3.0824-.0011	+0 25 32.8	- 4.569-.436	99.5	2
9265	-0 1516	9.3	53 14.36	+3.0637-.0010	-0 23 43.6	- 4.616-.433	99.6	2
9266	-0 1517	9.3	53 16.97	+3.0678-.0010	-0 12 56.3	- 4.620-.433	00.1	2
9267	-0 1519	9.1	53 30.51	+3.0696-.0010	-0 8 22.5	- 4.639-.433	99.6	2
9268	+0 1744	8.7	54 39.01	+3.0822-.0012	+0 24 57.5	- 4.736-.434	98.9	2
9269	-1 1490	9.3	54 49.48	+3.0301-.0009	-1 52 52.9	- 4.751-.427	99.2	2
9270	-1 1491	9.0	54 49.95	+3.0303-.0009	-1 52 12.0	- 4.752-.427	99.2	2
9271	+0 1749	9.3	54 54.00	+3.0772-.0012	+0 11 47.8	- 4.758-.434	99.2	2
9272	-1 1493	9.2	54 58.68	+3.0293-.0009	-1 54 53.2	- 4.764-.427	99.6	2
9273	-1 1494	9.0	54 58.99	+3.0282-.0009	-1 57 50.5	- 4.765-.427	99.6	2
9274	+0 1757	8.8	55 56.32	+3.0909-.0013	+0 48 13.9	- 4.846-.435	99.2	2
9275	+0 1769	9.3	57 18.38	+3.0873-.0013	+0 38 39.0	- 4.962-.434	99.2	2
9276	+0 1778	8.8	58 33.74	+3.0782-.0014	+0 14 36.7	- 5.068-.432	99.6	2
9277	+0 1780	9.2	58 39.06	+3.0791-.0014	+0 17 2.2	- 5.076-.432	99.6	2
9278	+0 1781	9.2	58 43.83	+3.0919-.0014	+0 50 55.0	- 5.082-.434	99.6	2
9279	+0 1783	8.9	59 0.37	+3.0767-.0014	+0 10 31.1	- 5.106-.432	99.6	2
9280	-1 1535	9.0	6 59 55.09	+3.0359-.0012	-1 38 3.9	- 5.183-.425	99.7	2
9281	-1 1539	9.4	7 0 15.83	+3.0410-.0012	-1 24 33.7	- 5.212-.426	00.1	2
9282	-1 1541	9.2	0 27.45	+3.0264-.0011	-2 3 19.3	- 5.228-.424	99.7	2
9283	+0 1794	9.2	0 31.03	+3.0823-.0015	+0 25 36.0	- 5.234-.432	00.0	2
9284	+0 1796	9.1	0 42.40	+3.0759-.0014	+0 8 26.5	- 5.249-.430	99.6	2
9285	+0 1800	9.2	1 13.57	+3.0719-.0014	-0 2 11.2	- 5.293-.430	99.6	2
9286	+0 1804	9.4	1 39.00	+3.0850-.0016	+0 32 37.0	- 5.329-.431	99.1	2
9287	+0 1809	9.1	2 53.79	+3.0765-.0016	+0 10 4.1	- 5.434-.429	99.2	2
9288	+0 1813	9.0	3 10.20	+3.0856-.0016	+0 34 30.1	- 5.457-.430	99.4	3
9289	+0 1815	8.8	3 18.32	+3.0876-.0016	+0 39 49.9	- 5.469-.431	99.6	2
9290	+0 1817	9.0	3 25.58	+3.0737-.0016	+0 2 41.2	- 5.479-.429	99.6	2
9291	+0 1820	9.1	3 41.38	+3.0859-.0017	+0 35 28.9	- 5.501-.430	99.7	2
9292	+0 1822	9.3	3 52.11	+3.0810-.0016	+0 22 16.9	- 5.516-.429	99.6	2
9293	-1 1570	9.3	4 15.92	+3.0334-.0014	-1 45 18.9	- 5.549-.422	99.6	2
9294	-0 1623	9.0	4 27.33	+3.0500-.0015	-1 0 52.3	- 5.565-.425	00.1	2
9295	+0 1829	9.4	4 50.53	+3.0928-.0018	+0 53 54.4	- 5.598-.430	99.7	2
9296	-0 1625	9.3	4 53.80	+3.0599-.0016	-0 34 17.4	- 5.602-.426	99.7	2
9297	+0 1832	8.7	5 15.09	+3.0822-.0017	+0 25 30.5	- 5.632-.429	99.6	2
9298	+0 1836	9.2	5 37.22	+3.0737-.0017	+0 2 31.0	- 5.663-.427	99.2	2
9299	+0 1838	9.0	5 49.05	+3.0818-.0017	+0 24 24.3	- 5.680-.428	99.5	2
9300	+0 1839	9.2	7 5 53.39	+3.0823-.0017	+0 25 47.7	- 5.686-.428	99.6	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
9301	-0 1634	5.4	7 6 16.98	+3.0697-.0017	-0 8 12.2	- 5.719-.426	99.6	2
9302	-0 1636	4.1	6 45.48	+3.0654-.0017	-0 19 38.0	- 5.759-.426	99.6	2
9303	+0 1847	9.1	7 4.87	+3.0839-.0018	+0 30 7.0	- 5.786-.428	99.6	2
9304	-0 1641	9.0	7 29.94	+3.0618-.0017	-0 29 17.6	- 5.821-.425	99.6	2
9305	-0 1642 <sup>1</sup>	9.0	7 30.98	+3.0613-.0017	-0 30 43.3	- 5.822-.424	99.6	2
9306	-0 1642 <sup>2</sup>	9.1	7 31.19	+3.0613-.0017	-0 30 41.7	- 5.822-.424	99.6	2
9307	+0 1854	8.5	8 2.67	+3.0816-.0018	+0 23 59.5	- 5.866-.427	99.2	2
9308	+0 1857	8.6	8 43.78	+3.0734-.0018	+0 1 57.3	- 5.924-.425	99.1	2
9309	+0 1860	9.2	9 21.38	+3.0931-.0020	+0 54 53.6	- 5.976-.428	99.6	2
9310	+0 1861	9.2	9 25.29	+3.0836-.0019	+0 29 11.9	- 5.981-.426	99.2	2
9311	+0 1866	8.8	9 42.58	+3.0816-.0019	+0 23 53.2	- 6.006-.426	99.6	2
9312	+0 1873	9.0	10 26.17	+3.0872-.0020	+0 38 59.5	- 6.066-.426	99.7	2
9313	-0 1660 <sup>1</sup>	9.2	10 40.13	+3.0627-.0018	-0 26 56.6	- 6.086-.423	99.6	2
9314	-0 1660 <sup>2</sup>	9.3	10 40.26	+3.0627-.0018	-0 26 58.7	- 6.086-.423	99.6	2
9315	+0 1874	9.0	10 52.51	+3.0762-.0019	+0 9 14.7	- 6.103-.424	99.6	2
9316	-0 1664	9.3	11 21.35	+3.0659-.0019	-0 18 20.8	- 6.143-.423	99.1	2
9317	+0 1881	8.5	11 52.82	+3.0887-.0021	+0 43 13.7	- 6.186-.426	99.6	2
9318	-0 1667*	9.2	12 9.82	+3.0644-.0019	-0 22 36.9	- 6.210-.422	99.6	2
9319	+0 1886	9.5	12 29.32	+3.0793-.0020	+0 17 53.7	- 6.237-.424	00.2	2
9320	+0 1885	8.3	12 29.50	+3.0807-.0020	+0 21 39.6	- 6.237-.424	99.2	2
9321	+0 1888	9.0	12 34.33	+3.0797-.0020	+0 18 49.0	- 6.244-.424	00.1	2
9322	-1 1642	9.0	12 45.54	+3.0357-.0017	-1 40 7.9	- 6.260-.418	99.7	2
9323	+0 1894	9.2	13 30.49	+3.0774-.0021	+0 12 37.1	- 6.322-.423	99.6	2
9324	+0 1897	6.7	13 47.73	+3.0786-.0021	+0 15 48.2	- 6.346-.423	99.6	2
9325	+0 1900	8.7	14 18.79	+3.0789-.0021	+0 16 43.6	- 6.388-.423	99.5	2
9326	+0 1902	9.2	14 55.17	+3.0755-.0021	+0 7 36.8	- 6.439-.422	99.2	2
9327	+0 1903	9.1	15 2.45	+3.0764-.0021	+0 9 55.7	- 6.449-.422	99.6	2
9328	+0 1906	9.0	15 18.41	+3.0795-.0022	+0 18 21.6	- 6.471-.422	99.2	2
9329	+0 1907	9.0	15 19.48	+3.0802-.0022	+0 20 27.9	- 6.472-.422	99.6	2
9330	+0 1910	9.0	15 35.93	+3.0842-.0022	+0 31 17.7	- 6.495-.422	<sup>99.7</sup> <sub>00.1</sub>	2, 1
9331	+0 1913	9.1	16 1.99	+3.0773-.0022	+0 12 27.4	- 6.531-.421	99.6	2
9332	-0 1690	9.0	16 53.04	+3.0687-.0022	-0 11 1.2	- 6.601-.420	99.6	2
9333	+0 1915	6.0	16 55.53	+3.0808-.0022	+0 21 59.4	- 6.605-.421	99.6	2
9334	+0 1916	6.6	17 18.99	+3.0924-.0024	+0 53 32.4	- 6.637-.423	99.6	2
9335	+0 1924	9.1	18 26.26	+3.0816-.0023	+0 24 15.8	- 6.730-.420	99.5	2
9336	-1 1689	9.1	18 34.00	+3.0306-.0019	-1 55 5.0	- 6.740-.413	99.7	2
9337	-1 1690	9.3	18 37.33	+3.0276-.0019	-2 3 12.8	- 6.745-.413	00.1	2
9338	-1 1692	9.1	18 38.20	+3.0314-.0019	-1 52 46.4	- 6.746-.413	99.8	3
9339	+0 1929	8.8	18 38.52	+3.0772-.0023	+0 12 19.0	- 6.746-.420	99.6	2
9340	Anon	9.4	18 40.10	+3.0281-.0019	-2 1 51.6	- 6.749-.413	00.1	2
9341	+0 1932	9.0	19 11.80	+3.0722-.0023	-0 1 18.5	- 6.792-.418	00.1	2
9342	+0 1933	9.2	19 17.56	+3.0905-.0024	+0 48 31.4	- 6.800-.421	99.6	2
9343	+0 1934	9.2	19 37.18	+3.0855-.0024	+0 35 4.0	- 6.827-.420	99.6	2
9344	+0 1935	9.1	20 16.65	+3.0874-.0025	+0 40 13.9	- 6.881-.420	99.6	2
9345	+0 1940	8.7	20 52.89	+3.0844-.0025	+0 32 7.1	- 6.931-.419	99.6	2
9346	-0 1718	9.2	20 57.78	+3.0692-.0023	-0 9 48.0	- 6.937-.417	99.2	2
9347	+0 1942	9.2	21 29.73	+3.0825-.0025	+0 26 44.1	- 6.981-.418	99.6	2
9348	+0 1946	9.1	21 58.17	+3.0798-.0025	+0 19 19.6	- 7.020-.418	99.7	2
9349	+0 1947	9.0	22 9.89	+3.0736-.0024	+0 2 26.9	- 7.036-.416	00.1	2
9350	+0 1951	9.0	7 22 27.86	+3.0854-.0025	+0 34 45.1	- 7.060-.418	99.6	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	$^{\circ}$	M	h m s	s s	$^{\circ}$ ' "	" "		
9351	-1 1724	8.9	7 22 39.26	+3.0426-.0022	-1 22 39.0	- 7.076-.412	99.7	2
9352	+0 1952	9.3	23 4.04	+3.0900-.0026	+0 47 28.0	- 7.110-.418	00.1	2
9353	+0 1954	9.1	23 7.42	+3.0898-.0026	+0 46 53.4	- 7.114-.418	99.7	2
9354	-1 1730	9.1	23 45.43	+3.0343-.0022	-1 45 39.9	- 7.166-.410	99.7	2
9355	-1 1736	9.0	24 11.54	+3.0370-.0022	-1 38 18.0	- 7.202-.410	99.6	2
9356	-1 1738	5.8	24 15.33	+3.0357-.0022	-1 41 56.7	- 7.207-.410	99.7	2
9357	-0 1735	9.4	24 45.62	+3.0641-.0024	-0 23 52.0	- 7.248-.413	99.6	2
9358	+0 1968	9.1	25 42.60	+3.0882-.0027	+0 42 41.9	- 7.325-.416	99.2	2
9359	+0 1972	9.0	25 50.54	+3.0786-.0026	+0 16 14.3	- 7.336-.414	99.6	2
9360	+0 1975	8.9	26 6.89	+3.0719-.0026	-0 2 9.7	- 7.358-.413	00.1	2
9361	+0 1977	8.2	26 44.41	+3.0872-.0027	+0 40 9.6	- 7.409-.415	99.6	2
9362	+0 1978	9.3	26 47.86	+3.0855-.0027	+0 35 28.0	- 7.414-.415	99.6	2
9363	-1 1754	8.5	27 31.95	+3.0304-.0023	-1 57 22.6	- 7.474-.406	99.2	2
9364	+0 1980	9.0	27 37.46	+3.0709-.0026	-0 5 5.1	- 7.481-.412	99.7	2
9365	+0 1985	9.0	27 52.19	+3.0803-.0027	+0 20 55.7	- 7.501-.413	00.0	2
9366	+0 1987	8.8	27 56.84	+3.0842-.0028	+0 31 59.1	- 7.507-.414	99.7	2
9367	+0 1989*	8.5	28 5.83	+3.0809-.0027	+0 22 44.5	- 7.519-.413	99.2	2
9368	+0 1990	9.1	28 19.94	+3.0906-.0028	+0 49 39.0	- 7.539-.414	99.6	2
9369	+0 1991	9.0	28 21.33	+3.0832-.0028	+0 29 5.8	- 7.540-.413	99.6	2
9370	+0 1999	9.2	30 7.56	+3.0742-.0028	+0 4 9.7	- 7.684-.411	99.2	2
9371	+0 2001	9.5	30 15.77	+3.0890-.0029	+0 45 12.2	- 7.695-.413	99.6	2
9372	+0 2003	9.3	30 18.51	+3.0833-.0028	+0 29 26.1	- 7.698-.412	99.6	2
9373	+0 2009	8.9	31 0.69	+3.0762-.0028	+0 9 40.4	- 7.755-.410	99.2	2
9374	+0 2011	9.0	31 4.64	+3.0746-.0028	+0 5 9.3	- 7.761-.410	99.6	2
9375	+0 2013	9.0	31 12.65	+3.0897-.0030	+0 47 15.7	- 7.771-.412	99.6	2
9376	+0 2015	9.0	31 13.17	+3.0813-.0029	+0 23 48.5	- 7.772-.411	99.6	2
9377	+0 2016	9.0	31 15.22	+3.0755-.0028	+0 7 47.3	- 7.775-.410	99.2	2
9378	+0 2017	9.0	31 24.90	+3.0754-.0028	+0 7 22.5	- 7.788-.410	99.8	3
9379	-0 1780	9.1	34 30.85	+3.0499-.0027	-1 3 59.8	- 8.037-.404	99.6	2
9380	-1 1795	9.2	35 1.78	+3.0447-.0026	-1 18 39.0	- 8.078-.403	99.7	2
9381	+0 2041	8.1	35 49.00	+3.0910-.0031	+0 51 31.2	- 8.141-.408	99.2	2
9382	+0 2042	9.2	35 59.60	+3.0888-.0031	+0 45 19.1	- 8.155-.408	99.6	2
9383	+0 2043	9.3	36 2.02	+3.0800-.0030	+0 20 22.2	- 8.159-.407	00.2	2
9384	+0 2051	9.0	37 40.58	+3.0753-.0031	+0 7 13.0	- 8.290-.404	99.6	2
9385	+0 2054	6.4	37 57.43	+3.0818-.0031	+0 25 33.8	- 8.312-.405	99.6	2
9386	+0 2057	9.2	38 7.65	+3.0837-.0032	+0 31 8.1	- 8.325-.405	99.2	2
9387	-1 1818	9.0	38 37.24	+3.0308-.0026	-1 58 43.2	- 8.365-.398	99.7	2
9388	+0 2061	9.1	39 21.07	+3.0807-.0032	+0 22 29.5	- 8.423-.404	00.1	2
9389	-0 1807	9.0	40 5.70	+3.0659-.0030	-0 19 27.4	- 8.482-.401	99.5	2
9390	-0 1813	9.1	40 41.63	+3.0534-.0029	-0 54 54.5	- 8.529-.399	00.2	2
9391	-0 1814	9.1	40 47.06	+3.0596-.0030	-0 37 12.4	- 8.536-.400	99.7	2
9392	+0 2067	9.1	41 0.57	+3.0823-.0032	+0 27 19.4	- 8.554-.403	99.2	2
9393	+0 2080	9.1	41 54.98	+3.0784-.0032	+0 16 6.1	- 8.626-.401	00.1	2
9394	-1 1838	9.0	42 31.43	+3.0306-.0028	-2 0 13.6	- 8.674-.394	99.7	2
9395	+0 2091	8.9	42 49.53	+3.0878-.0034	+0 43 0.9	- 8.698-.402	99.6	2
9396	+0 2097	8.7	43 37.06	+3.0856-.0034	+0 36 47.6	- 8.760-.401	99.2	2
9397	-1 1847	8.8	44 55.30	+3.0304-.0028	-2 1 14.6	- 8.863-.392	99.2	2
9398	+0 2108	6.6	45 45.55	+3.0797-.0034	+0 19 58.6	- 8.928-.398	00.1	2
9399	-0 1843	9.3	46 8.82	+3.0681-.0033	-0 13 13.7	- 8.959-.396	99.6	2
9400	-0 1844	9.1	7 46 10.63	+3.0684-.0033	-0 12 17.4	- 8.961-.396	99.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
9401	+0 2110	8.7	7 46 26.24	+3.0860-.0035	+0 38 17.5	- 8.981-.398	99.7	2
9402	+0 2115	9.1	48 9.37	+3.0754-.0034	+0 7 43.0	- 9.116-.395	99.6	2
9403	+0 2116	9.0	48 23.98	+3.0738-.0034	+0 3 12.1	- 9.135-.395	99.7	2
9404	-1 1878	9.1	48 58.56	+3.0291-.0029	-2 6 8.4	- 9.179-.389	99.2	2
9405	+0 2121	9.0	49 1.77	+3.0760-.0035	+0 9 37.1	- 9.184-.395	99.7	2
9406	+0 2125	9.5	50 13.99	+3.0785-.0035	+0 16 46.3	- 9.277-.394	99.7	2
9407	+0 2126	9.2	50 16.02	+3.0812-.0036	+0 24 33.3	- 9.280-.394	99.7	2
9408	+0 2127	9.1	50 20.01	+3.0721-.0035	-0 1 42.4	- 9.285-.393	00.1	2
9409	+0 2129	9.2	50 47.35	+3.0724-.0035	-0 0 58.8	- 9.320-.393	99.6	2
9410	+0 2133	8.7	51 15.70	+3.0893-.0037	+0 48 10.9	- 9.357-.394	99.7	2
9411	+0 2134	9.0	51 22.84	+3.0810-.0036	+0 23 57.9	- 9.366-.393	99.2	2
9412	+0 2139	8.8	51 41.89	+3.0838-.0036	+0 32 9.7	- 9.390-.393	99.2	2
9413	+0 2145	8.5	53 40.22	+3.0784-.0036	+0 16 33.3	- 9.543-.390	99.2	2
9414	+0 2147	9.2	54 18.09	+3.0774-.0036	+0 13 33.6	- 9.591-.390	99.2	2
9415	+0 2150	9.0	54 42.15	+3.0881-.0038	+0 45 9.2	- 9.622-.391	99.6	2
9416	+0 2154	9.0	55 5.08	+3.0827-.0037	+0 29 14.6	- 9.651-.390	00.1	2
9417	Anon	9.3	55 28.29	+3.0776-.0037	+0 14 14.4	- 9.681-.389	99.7	2
9418	+0 2157	9.2	55 31.52	+3.0773-.0037	+0 13 28.4	- 9.685-.389	99.7	2
9419	+0 2158	8.9	56 1.74	+3.0724-.0036	-0 0 47.2	- 9.724-.388	99.7	2
9420	-0 1882	4.9	56 8.11	+3.0500-.0033	-1 6 54.6	- 9.732-.384	00.2	2
9421	+0 2160	9.3	56 16.35	+3.0750-.0037	+0 6 38.6	- 9.742-.388	00.1	2
9422	+0 2162	9.1	56 35.53	+3.0776-.0037	+0 14 27.7	- 9.767-.388	00.1	2
9423	+0 2163	9.4	56 52.26	+3.0874-.0038	+0 43 14.9	- 9.788-.389	99.7	2
9424	-0 1886	9.2	57 4.88	+3.0588-.0035	-0 41 10.9	- 9.804-.385	00.2	2
9425	+0 2167	8.8	57 37.64	+3.0908-.0039	+0 53 27.7	- 9.846-.388	99.7	2
9426	-1 1934	9.3	58 30.64	+3.0369-.0033	-1 46 3.1	- 9.913-.380	99.6	2
9427	+0 2170	9.8	58 47.31	+3.0737-.0037	+0 2 46.4	- 9.934-.385	99.2	2
9428	-0 1894	9.0	58 52.32	+3.0569-.0035	-0 46 45.5	- 9.940-.383	99.7	2
9429	+0 2173	9.2	59 0.41	+3.0789-.0038	+0 18 20.8	- 9.951-.385	99.6	2
9430	+0 2179	9.0	7 59 52.26	+3.0804-.0039	+0 22 44.5	-10.016-.385	99.7	2
9431	-0 1903	6.6	8 0 43.32	+3.0669-.0037	-0 17 17.0	-10.081-.382	00.2	2
9432	-1 1948	9.5	0 46.23	+3.0448-.0034	-1 23 8.7	-10.084-.379	00.1	2
9433	+0 2185	8.5	1 12.06	+3.0846-.0040	+0 35 31.2	-10.117-.384	99.2	2
9434	+0 2188	9.2	1 35.34	+3.0873-.0040	+0 43 24.2	-10.146-.384	99.7	2
9435	+0 2189	9.1	1 37.91	+3.0801-.0039	+0 22 7.9	-10.149-.383	99.6	2
9436	-0 1911	9.0	2 8.97	+3.0624-.0037	-0 30 55.9	-10.188-.380	99.7	2
9437	+0 2193	9.0	2 16.93	+3.0826-.0040	+0 29 28.0	-10.198-.382	99.7	2
9438	+0 2199	9.0	3 22.27	+3.0812-.0040	+0 25 25.7	-10.280-.381	99.6	2
9439	+0 2205	9.0	4 28.00	+3.0724-.0039	-0 1 16.3	-10.363-.379	99.2	2
9440	-1 1969	9.0	4 32.93	+3.0351-.0034	-1 53 4.2	-10.369-.374	99.6	2
9441	+0 2207	9.3	4 55.75	+3.0814-.0040	+0 26 13.1	-10.397-.380	99.6	2
9442	+0 2213	9.2	5 25.84	+3.0792-.0040	+0 19 40.3	-10.435-.379	99.6	2
9443	-0 1931	9.2	6 47.85	+3.0634-.0038	-0 28 1.2	-10.537-.375	99.7	2
9444	+0 2220	9.0	7 26.07	+3.0853-.0041	+0 38 0.2	-10.584-.378	99.2	2
9445	-1 1982	9.0	7 26.32	+3.0394-.0035	-1 40 50.5	-10.584-.372	99.2	2
9446	+0 2229	9.3	9 32.32	+3.0891-.0042	+0 49 48.4	-10.740-.376	99.7	2
9447	+0 2230	9.2	9 37.08	+3.0888-.0042	+0 48 50.7	-10.746-.376	99.7	2
9448	-1 1992	9.0	9 37.28	+3.0404-.0036	-1 38 21.6	-10.746-.370	99.7	2
9449	+0 2233	9.3	10 48.77	+3.0793-.0042	+0 19 59.8	-10.834-.373	00.1	2
9450	-1 1996	9.0	8 10 49.54	+3.0469-.0037	-1 18 52.6	-10.835-.369	00.2	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	$^{\circ}$	<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>^{\circ} ' "</b>	<b>" "</b>		
9451	+0 2234	9.3	8 10 52.66	+3.0875-.0043	+0 45 12.2	-10.839-.374	00.1	2
9452	+0 2235	9.3	11 3.41	+3.0822-.0042	+0 28 49.8	-10.852-.373	00.2	1
9453	+0 2236	9.2	11 8.22	+3.0717-.0040	-0 3 11.3	-10.858-.372	00.2	2
9454	+0 2237	9.1	11 9.14	+3.0818-.0042	+0 27 36.5	-10.859-.373	00.1	2
9455	+0 2245	8.8	11 48.67	+3.0792-.0042	+0 19 48.1	-10.907-.372	99.6	2
9456	+0 2247	9.0	12 10.14	+3.0824-.0042	+0 29 37.8	-10.934-.372	99.7	2
9457	-1 2003	9.2	12 40.01	+3.0323-.0035	-2 4 2.4	-10.970-.365	00.1	2
9458	-1 2004	9.1	12 41.53	+3.0346-.0035	-1 57 14.5	-10.972-.366	00.1	2
9459	+0 2268	9.2	14 16.88	+3.0843-.0043	+0 35 51.5	-11.088-.370	99.2	2
9460	-1 2017	6.4	16 15.76	+3.0479-.0038	-1 17 3.1	-11.232-.363	00.2	2
9461	-0 1972	9.2	16 17.85	+3.0577-.0039	-0 46 34.0	-11.234-.364	00.1	2
9462	-1 2018	9.1	16 31.85	+3.0404-.0037	-1 40 13.4	-11.251-.362	00.1	2
9463	-1 2019	9.4	16 38.31	+3.0418-.0037	-1 36 5.2	-11.259-.362	99.7	2
9464	-1 2020	9.0	16 48.89	+3.0416-.0037	-1 36 48.2	-11.272-.362	99.7	2
9465	+0 2277	9.1	17 17.64	+3.0754-.0042	+0 8 23.6	-11.307-.365	99.7	2
9466	-1 2026	9.2	18 28.86	+3.0384-.0037	-1 47 21.9	-11.392-.360	99.7	2
9467	-1 2028	6.8	18 51.51	+3.0502-.0039	-1 10 31.6	-11.419-.361	99.7	2
9468	-1 2030	8.9	19 17.17	+3.0325-.0036	-2 5 54.3	-11.450-.358	99.7	2
9469	-1 2032	9.1	19 34.74	+3.0420-.0038	-1 36 19.8	-11.471-.359	99.7	2
9470	-1 2031	9.0	19 34.84	+3.0347-.0036	-1 59 7.0	-11.471-.358	00.1	2
9471	-0 1991	8.8	21 26.14	+3.0520-.0039	-1 5 25.2	-11.604-.358	99.2	2
9472	-1 2038	9.0	21 48.58	+3.0425-.0038	-1 35 24.6	-11.631-.356	99.6	2
9473	-1 2046	8.9	22 39.44	+3.0324-.0036	-2 7 28.5	-11.691-.354	99.7	2
9474	+0 2307	9.3	23 15.98	+3.0728-.0043	+0 0 24.0	-11.734-.358	99.7	2
9475	+0 2308	8.8	23 29.92	+3.0821-.0045	+0 29 44.3	-11.751-.359	99.2	2
9476	+0 2312	7.6	24 39.62	+3.0842-.0045	+0 36 26.6	-11.833-.358	99.7	2
9477	-1 2057	9.1	24 50.32	+3.0458-.0039	-1 25 41.6	-11.845-.353	99.7	2
9478	+0 2321	8.5	26 32.03	+3.0851-.0046	+0 39 37.3	-11.965-.356	99.2	2
9479	+0 2323*	9.0	26 42.58	+3.0808-.0045	+0 25 53.5	-11.977-.355	99.2	2
9480	-1 2068	8.7	28 25.19	+3.0432-.0039	-1 35 1.9	-12.097-.349	00.1	2
9481	-1 2070	8.9	28 26.83	+3.0452-.0039	-1 28 35.9	-12.099-.349	00.1	2
9482	-1 2069	9.1	28 27.44	+3.0447-.0039	-1 30 23.6	-12.100-.349	99.3	2
9483	-1 2074	5.6	28 58.13	+3.0390-.0038	-1 48 36.5	-12.135-.347	99.7	2
9484	+0 2334	9.1	29 38.80	+3.0842-.0046	+0 37 17.2	-12.182-.352	99.7	2
9485	+0 2338	9.4	30 24.08	+3.0734-.0044	+0 2 10.2	-12.235-.350	00.1	2
9486	+0 2346 <sup>1</sup>	9.2	31 45.88	+3.0860-.0047	+0 43 16.6	-12.329-.350	99.7	2
9487	+0 2346 <sup>2</sup>	9.4	31 46.60	+3.0861-.0047	+0 43 36.4	-12.330-.350	99.7	2
9488	+0 2347	9.4	31 46.77	+3.0822-.0046	+0 30 55.5	-12.330-.349	99.7	2
9489	-1 2089	9.3	32 10.49	+3.0419-.0039	-1 40 45.0	-12.357-.344	00.2	2
9490	-1 2088	9.2	32 11.05	+3.0414-.0039	-1 42 13.8	-12.358-.344	00.2	2
9491	-0 2033	9.0	32 27.35	+3.0550-.0041	-0 58 4.2	-12.377-.345	00.2	2
9492	+0 2354	9.1	33 9.39	+3.0846-.0047	+0 39 4.1	-12.425-.348	99.7	2
9493	+0 2359	9.0	35 29.98	+3.0756-.0045	+0 9 39.8	-12.585-.344	99.7	2
9494	-1 2103	8.9	35 32.59	+3.0338-.0038	-2 8 31.1	-12.588-.339	00.1	2
9495	-1 2104	9.1	35 43.57	+3.0363-.0038	-2 0 26.4	-12.601-.339	00.1	2
9496	-0 2041	9.2	35 45.52	+3.0642-.0043	-0 28 20.3	-12.603-.342	99.7	2
9497	Anon	9.2	35 49.91	+3.0641-.0043	-0 28 23.4	-12.608-.342	99.7	2
9498	-1 2110	9.0	36 25.08	+3.0517-.0041	-1 9 38.6	-12.648-.340	00.1	2
9499	-0 2048	9.4	37 34.29	+3.0681-.0044	-0 15 15.8	-12.726-.340	99.7	2
9500	-0 2055	9.3	8 39 18.52	+3.0605-.0043	-0 41 0.5	-12.843-.337	99.3	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
9501	-0 2056	9.4	8 39 24.32	+3.0605-.0043	-0 40 59.5	-12.849-.337	99.3	2
9502	+0 2377	9.1	40 11.07	+3.0846-.0048	+0 40 4.0	-12.902-.339	99.6	2
9503	-1 2125	5.8	40 58.17	+3.0427-.0040	-1 41 8.1	-12.954-.333	00.2	2
9504	+0 2384*	9.2	41 24.06	+3.0854-.0048	+0 42 55.9	-12.983-.337	00.1	2
9505	-0 2065	9.3	41 53.30	+3.0672-.0044	-0 18 39.4	-13.015-.334	99.7	2
9506	+0 2391	9.2	42 25.55	+3.0701-.0045	-0 8 48.4	-13.051-.334	99.6	2
9507	+0 2395	9.3	43 11.66	+3.0737-.0046	+0 3 23.1	-13.102-.334	99.7	2
9508	-1 2137	9.1	43 48.90	+3.0421-.0040	-1 44 8.5	-13.143-.329	00.2	2
9509	-1 2138	9.0	44 10.16	+3.0369-.0039	-2 2 12.2	-13.166-.328	00.1	2
9510	+0 2402	9.0	45 18.35	+3.0803-.0047	+0 25 54.9	-13.241-.332	99.7	2
9511	+0 2403 <sup>1</sup>	9.2	45 18.81	+3.0787-.0047	+0 20 24.3	-13.242-.331	99.7	2
9512	+0 2403 <sup>2</sup>	9.5	45 19.56	+3.0786-.0047	+0 20 13.5	-13.243-.331	99.7	2
9513	Anon	9.4	45 23.70	+3.0799-.0047	+0 24 41.4	-13.247-.331	99.7	2
9514	+0 2410	9.2	47 23.44	+3.0712-.0046	-0 5 14.6	-13.378-.328	99.7	2
9515	+0 2415*	9.1	48 50.02	+3.0750-.0046	+0 7 57.3	-13.471-.326	99.7	2
9516	-1 2157	9.3	49 35.70	+3.0462-.0041	-1 32 12.1	-13.521-.322	99.7	2
9517	+0 2422	9.1	49 49.46	+3.0756-.0047	+0 10 4.2	-13.536-.325	99.7	2
9518	-1 2162	9.0	51 7.95	+3.0417-.0040	-1 48 41.8	-13.620-.320	99.7	2
9519	+0 2433	8.8	52 44.98	+3.0832-.0048	+0 36 56.2	-13.723-.322	99.2	2
9520	+0 2437	9.0	54 2.14	+3.0810-.0048	+0 29 28.0	-13.805-.320	99.2	2
9521	+0 2438	9.2	54 2.61	+3.0758-.0047	+0 10 53.2	-13.806-.319	99.7	2
9522	+0 2441	8.8	55 7.76	+3.0747-.0047	+0 6 55.0	-13.874-.318	99.7	2
9523	-1 2178	9.4	55 53.36	+3.0440-.0040	-1 42 28.4	-13.922-.313	00.1	2
9524	-1 2182	9.2	56 16.05	+3.0415-.0040	-1 51 33.6	-13.946-.312	99.2	2
9525	-1 2183	8.9	56 19.50	+3.0367-.0039	-2 8 48.1	-13.950-.312	00.2	2
9526	+0 2443	9.2	56 21.96	+3.0748-.0047	+0 7 35.3	-13.952-.316	00.1	2
9527	-0 2109	9.2	56 30.77	+3.0645-.0045	-0 29 32.9	-13.962-.315	99.7	2
9528	-1 2186	9.2	56 37.66	+3.0416-.0040	-1 51 37.2	-13.969-.312	99.2	2
9529	+0 2449	5.8	56 51.51	+3.0712-.0046	-0 5 31.0	-13.983-.315	99.7	2
9530	-0 2119	9.5	57 54.43	+3.0670-.0045	-0 20 31.8	-14.049-.313	99.7	2
9531	-1 2191	9.4	58 8.70	+3.0528-.0042	-1 11 55.2	-14.064-.311	00.2	2
9532	+0 2453	9.5	59 17.36	+3.0729-.0046	+0 0 37.2	-14.135-.312	99.7	2
9533	-0 2121	9.4	8 59 23.73	+3.0548-.0042	-1 4 51.4	-14.141-.310	99.2	2
9534	-1 2201	9.5	9 0 45.61	+3.0526-.0042	-1 13 20.8	-14.226-.308	00.1	2
9535	-0 2127	9.1	1 6.19	+3.0538-.0042	-1 9 2.8	-14.247-.307	99.7	2
9536	+0 2460	9.2	1 41.72	+3.0742-.0047	+0 5 17.9	-14.284-.308	99.7	2
9537	+0 2462 <sup>1</sup>	9.5	2 37.40	+3.0758-.0047	+0 11 22.4	-14.340-.307	99.7	2
9538	+0 2462 <sup>2</sup>	9.4	2 37.82	+3.0758-.0047	+0 11 24.0	-14.341-.307	99.7	2
9539	-1 2207	7.1	2 57.88	+3.0390-.0039	-2 4 20.3	-14.361-.303	00.1	2
9540	+0 2466	9.2	4 31.27	+3.0829-.0049	+0 37 45.7	-14.456-.305	99.7	2
9541	+0 2467	9.0	4 34.74	+3.0825-.0049	+0 36 16.5	-14.459-.305	99.7	2
9542	-1 2213	9.0	5 40.77	+3.0413-.0039	-1 57 13.3	-14.526-.299	99.7	2
9543	-1 2216	9.3	6 7.80	+3.0387-.0038	-2 7 10.6	-14.553-.298	00.2	2
9544	-0 2145	9.5	6 44.61	+3.0606-.0043	-0 45 29.1	-14.590-.300	99.7	2
9545	-0 2148	9.5	7 4.77	+3.0584-.0043	-0 53 42.2	-14.610-.299	99.7	2
9546	-0 2153	9.3	7 57.28	+3.0550-.0042	-1 6 58.2	-14.662-.298	99.8	2
9547	-0 2154	9.3	8 3.98	+3.0682-.0045	-0 17 7.3	-14.669-.299	00.1	2
9548	-1 2221	9.1	8 28.54	+3.0412-.0039	-1 58 50.5	-14.694-.295	99.7	2
9549	+0 2484	9.5	9 3.40	+3.0742-.0046	+0 5 43.3	-14.728-.298	00.2	2
9550	-0 2157	9.3	9 9 34.49	+3.0652-.0044	-0 28 38.7	-14.759-.296	99.7	2

9504 57°0 54'8.

9515 9°48 folls. 0°76 12' N.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	$^{\circ}$	M	h m s	s s	$^{\circ} ' "$	" "		
9551	-0 2161	9.0	9 10 23.94	+3.0695-.0045	-0 12 18.5	-14.808-.296	99.7	2
9552	-0 2162	9.1	10 28.61	+3.0692-.0045	-0 13 20.6	-14.812-.295	99.7	2
9553	-1 2234	9.1	12 15.30	+3.0390-.0038	-2 9 42.3	-14.916-.290	00.2	2
9554	-0 2171	9.6	12 40.98	+3.0688-.0045	-0 15 13.4	-14.941-.292	99.7	2
9555	-1 2239	9.3	13 45.53	+3.0526-.0041	-1 17 52.9	-15.004-.289	99.3	2
9556	-0 2177	9.2	14 20.95	+3.0563-.0042	-1 3 53.9	-15.038-.288	99.7	2
9557	-1 2243	9.1	15 31.94	+3.0513-.0040	-1 23 50.8	-15.107-.286	99.9	3
9558	-0 2181	9.4	16 1.20	+3.0676-.0044	-0 19 58.8	-15.135-.287	99.7	2
9559	-1 2244	9.4	16 24.99	+3.0418-.0038	-2 1 21.0	-15.157-.284	00.2	2
9560	-1 2246	9.1	16 58.61	+3.0525-.0040	-1 19 49.1	-15.189-.284	99.7	2
9561	-1 2247	9.0	17 2.96	+3.0471-.0039	-1 41 2.2	-15.194-.283	99.8	2
9562	-1 2249	9.0	17 31.31	+3.0402-.0037	-2 8 15.4	-15.220-.282	99.7	2
9563	+0 2508	9.0	19 20.49	+3.0818-.0048	+0 36 17.6	-15.324-.283	99.7	2
9564	+0 2509	9.1	19 29.31	+3.0720-.0045	-0 2 50.2	-15.332-.282	99.7	2
9565	-0 2188	9.0	19 53.50	+3.0607-.0042	-0 47 54.6	-15.355-.280	99.7	2
9566	+0 2511	9.0	20 3.16	+3.0727-.0045	-0 0 0.7	-15.364-.281	99.7	2
9567	-0 2193	6.8	20 58.13	+3.0607-.0042	-0 48 10.5	-15.415-.279	00.2	2
9568	-0 2195	6.1	21 16.87	+3.0573-.0041	-1 1 52.9	-15.433-.278	00.2	2
9569	+0 2518	9.2	21 20.95	+3.0715-.0045	-0 5 3.3	-15.436-.279	99.2	2
9570	-1 2263	9.3	22 49.75	+3.0448-.0038	-1 53 9.2	-15.519-.274	99.7	2
9571	-0 2199	9.3	22 57.50	+3.0587-.0041	-0 56 54.6	-15.526-.276	99.7	2
9572	-0 2200	9.3	23 5.54	+3.0639-.0043	-0 35 53.4	-15.533-.276	99.7	2
9573	-0 2201	6.3	23 56.91	+3.0607-.0042	-0 49 13.7	-15.580-.274	99.2	2
9574	-1 2268	6.0	24 20.31	+3.0468-.0038	-1 46 5.0	-15.602-.272	00.2	2
9575	+0 2525	9.3	24 51.48	+3.0708-.0044	-0 8 2.6	-15.630-.274	99.7	2
9576	+0 2526	9.2	25 35.86	+3.0836-.0048	+0 44 57.4	-15.671-.274	99.2	2
9577	+0 2527	9.2	26 2.72	+3.0753-.0045	+0 10 36.2	-15.695-.272	99.7	2
9578	+0 2530	9.2	27 40.35	+3.0846-.0048	+0 49 24.9	-15.784-.271	99.7	2
9579	-0 2214	9.3	29 12.80	+3.0592-.0040	-0 56 40.8	-15.866-.266	99.7	2
9580	-1 2279	9.2	29 28.84	+3.0430-.0036	-2 5 9.6	-15.881-.264	99.3	2
9581	-1 2281	8.7	30 14.39	+3.0485-.0037	-1 42 17.8	-15.921-.263	99.2	2
9582	-0 2218	9.4	30 22.05	+3.0569-.0040	-1 6 51.3	-15.928-.264	99.8	2
9583	+0 2532	8.8	30 28.80	+3.0739-.0044	+0 5 1.9	-15.934-.265	99.8	2
9584	+0 2535	9.2	31 25.28	+3.0732-.0044	+0 2 5.4	-15.984-.264	99.7	2
9585	-0 2224	9.3	31 54.32	+3.0572-.0039	-1 6 6.2	-16.009-.262	99.7	2
9586	-0 2227	9.4	32 30.56	+3.0580-.0039	-1 3 9.9	-16.041-.261	99.3	2
9587	+0 2538	9.3	33 30.42	+3.0833-.0047	+0 45 47.6	-16.093-.261	99.2	2
9588	+0 2539	9.3	34 19.90	+3.0764-.0045	+0 16 2.5	-16.136-.259	99.2	2
9589	+0 2540	9.0	34 44.17	+3.0761-.0044	+0 14 37.7	-16.157-.259	99.3	2
9590	-0 2231	4.1	34 44.96	+3.0632-.0041	-0 41 19.4	-16.158-.257	99.3	2
9591	+0 2544	9.1	35 29.46	+3.0748-.0044	+0 9 17.4	-16.196-.257	00.2	3
9592	-0 2239	9.3	38 47.07	+3.0631-.0040	-0 42 47.0	-16.364-.251	99.2	2
9593	-0 2240	9.3	39 1.77	+3.0668-.0041	-0 26 17.4	-16.377-.251	99.7	2
9594	+0 2548	9.0	39 11.32	+3.0749-.0043	+0 9 43.1	-16.385-.251	99.3	2
9595	+0 2549	9.1	39 20.67	+3.0721-.0042	-0 2 38.7	-16.393-.251	99.3	2
9596	+0 2554	9.4	41 5.72	+3.0789-.0044	+0 27 51.5	-16.480-.249	99.8	2
9597	-1 2303	8.8	42 15.54	+3.0438-.0033	-2 11 13.4	-16.538-.244	99.2	2
9598	+0 2559	9.4	42 22.51	+3.0821-.0045	+0 42 33.6	-16.544-.247	99.8	2
9599	Anon	9.5	42 30.01	+3.0821-.0045	+0 42 55.0	-16.550-.247	99.3	2
9600	+0 2560	9.4	9 42 30.38	+3.0818-.0045	+0 41 13.7	-16.550-.247	99.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
9601	-1 2306	8.7	9 44 52.83	+3.0450-.0032	-2 8 18.6	-16.667-.240	99.3	2
9602	-0 2254	9.3	45 0.27	+3.0684-.0040	-0 19 57.4	-16.673-.241	99.2	2
9603	+0 2568	8.8	46 3.48	+3.0766-.0042	+0 18 17.7	-16.724-.240	99.3	2
9604	+0 2571	9.2	46 39.64	+3.0737-.0041	+0 4 24.2	-16.753-.239	99.7	2
9605	+0 2574	9.0	47 8.22	+3.0764-.0042	+0 17 17.1	-16.776-.238	99.3	2
9606	-1 2316	9.2	48 11.24	+3.0461-.0032	-2 5 50.7	-16.826-.234	99.7	2
9607	-0 2265	9.3	49 0.43	+3.0604-.0036	-0 58 47.0	-16.865-.234	99.3	2
9608	-1 2318	9.2	49 26.00	+3.0565-.0035	-1 17 31.2	-16.885-.233	99.7	2
9609	-1 2320	9.3	50 18.13	+3.0524-.0033	-1 37 25.8	-16.926-.231	99.2	2
9610	+0 2589	9.8	51 58.56	+3.0724-.0040	-0 1 29.8	-17.004-.230	99.8	2
9611	+0 2591	9.4	52 32.52	+3.0735-.0040	+0 3 45.9	-17.030-.229	00.2	2
9612	+0 2593	9.3	53 11.63	+3.0733-.0040	+0 3 0.6	-17.060-.228	00.2	2
9613	+0 2601	9.5	55 46.06	+3.0735-.0039	+0 3 51.9	-17.178-.224	99.7	2
9614	Anon	9.3	56 50.51	+3.0546-.0032	-1 30 49.0	-17.226-.221	00.2	2
9615	-0 2285	7.0	57 42.80	+3.0658-.0036	-0 34 58.3	-17.265-.220	99.7	2
9616	+0 2605	9.3	58 18.27	+3.0745-.0039	+0 9 8.5	-17.291-.220	99.2	2
9617	-0 2286	9.3	58 27.38	+3.0602-.0033	-1 3 35.4	-17.298-.218	99.3	2
9618	-1 2341	9.3	9 59 31.78	+3.0467-.0028	-2 13 13.3	-17.345-.216	99.3	2
9619	-1 2346	8.5	10 1 39.96	+3.0508-.0029	-1 54 26.4	-17.438-.212	99.2	2
9620	+0 2613	9.1	2 6.27	+3.0813-.0040	+0 44 57.9	-17.457-.214	99.7	2
9621	+0 2615	4.5	2 49.16	+3.0741-.0037	+0 7 1.7	-17.488-.212	00.2	2
9622	-1 2353	9.3	3 1.04	+3.0527-.0029	-1 45 23.5	-17.496-.210	99.3	2
9623	-1 2354	9.2	3 27.26	+3.0523-.0029	-1 47 39.2	-17.515-.209	99.3	2
9624	-0 2303	9.5	5 41.78	+3.0600-.0031	-1 8 13.6	-17.609-.206	99.3	2
9625	+0 2626	9.3	6 54.42	+3.0811-.0039	+0 45 37.6	-17.660-.205	99.3	2
9626	-0 2310	9.0	8 21.16	+3.0600-.0030	-1 10 9.2	-17.719-.201	99.3	2
9627	-0 2311	9.2	9 6.29	+3.0597-.0029	-1 12 11.2	-17.750-.200	99.3	2
9628	-1 2362	9.5	9 48.72	+3.0580-.0028	-1 21 31.9	-17.779-.198	99.3	2
9629	+0 2634	9.3	11 10.46	+3.0712-.0034	-0 8 36.1	-17.834-.197	99.3	2
9630	+0 2635	9.5	12 31.06	+3.0712-.0033	-0 8 31.6	-17.887-.195	99.3	2
9631	-1 2373	9.2	12 56.72	+3.0577-.0027	-1 25 33.1	-17.904-.193	99.3	2
9632	-1 2374	9.3	14 22.94	+3.0527-.0024	-1 55 38.7	-17.960-.190	99.8	2
9633	-1 2375	9.1	14 24.11	+3.0531-.0024	-1 53 27.6	-17.961-.190	99.7	2
9634	-1 2377	9.2	14 49.18	+3.0600-.0027	-1 14 6.4	-17.977-.190	99.8	2
9635	-0 2325	9.4	14 53.09	+3.0694-.0031	-0 19 34.6	-17.980-.190	99.7	2
9636	-1 2379	9.0	15 16.78	+3.0501-.0023	-2 11 57.1	-17.995-.188	99.7	2
9637	Anon	9	16 55.55	+3.0524-.0023	-1 59 50.4	-18.058-.186	99.3	2
9638	+0 2646	9.0	17 55.36	+3.0742-.0033	+0 9 0.1	-18.096-.185	99.3	2
9639	-1 2381	9.0	18 0.93	+3.0528-.0022	-1 59 11.0	-18.099-.184	99.3	2
9640	-0 2332	6.6	18 21.19	+3.0688-.0030	-0 23 44.6	-18.112-.184	00.2	2
9641	-0 2336	9.4	19 8.17	+3.0699-.0030	-0 16 57.9	-18.141-.183	99.8	2
9642	-0 2337	8.0	19 39.38	+3.0699-.0030	-0 16 58.5	-18.161-.182	99.8	2
9643	-0 2338	9.4	19 53.61	+3.0631-.0027	-0 58 18.3	-18.169-.181	99.7	2
9644	-0 2339	9.3	20 34.96	+3.0698-.0030	-0 17 36.8	-18.195-.180	99.3	2
9645	-0 2340	9.3	21 5.68	+3.0626-.0026	-1 2 13.1	-18.214-.179	99.3	2
9646	-1 2390	9.0	21 21.34	+3.0549-.0022	-1 49 43.3	-18.223-.178	99.7	2
9647	-0 2341	6.8	21 30.62	+3.0681-.0028	-0 28 46.7	-18.229-.178	99.8	2
9648	+0 2658	8.8	23 36.62	+3.0744-.0031	+0 10 28.9	-18.305-.175	99.3	2
9649	-0 2348	9.2	24 22.08	+3.0692-.0028	-0 22 13.9	-18.332-.173	99.3	2
9650	-1 2395	5.2	10 24 23.95	+3.0516-.0019	-2 13 38.3	-18.333-.172	99.8	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
9651	-0 2349*	9.2	10 24 48.50	+3.0686-.0027	-0 26 26.3	-18.347-.173	99.7	2
9652	+0 2663	5.0	25 10.75	+3.0716-.0029	-0 7 27.3	-18.360-.172	00.2	2
9653	-0 2354	9.1	26 36.06	+3.0697-.0027	-0 19 31.8	-18.410-.169	99.3	2
9654	-1 2404	8.9	27 0.31	+3.0576-.0021	-1 38 47.7	-18.424-.168	99.3	2
9655	-1 2406	9.3	28 14.51	+3.0546-.0019	-1 59 28.1	-18.466-.166	99.8	2
9656	+0 2668*	9.2	28 51.80	+3.0781-.0031	+0 35 45.4	-18.487-.166	00.2	2
9657	+0 2669*	9.4	28 52.82	+3.0789-.0031	+0 41 17.0	-18.488-.166	99.8	2
9658	+0 2670	9.3	28 54.30	+3.0772-.0030	+0 29 26.5	-18.489-.166	99.8	2
9659	+0 2671*	9.1	29 48.79	+3.0742-.0028	+0 10 26.8	-18.520-.164	00.3	2
9660	+0 2673	8.8	30 7.58	+3.0740-.0028	+0 8 21.7	-18.530-.163	99.3	2
9661	-0 2360	9.1	31 22.35	+3.0621-.0021	-1 12 41.2	-18.571-.160	99.3	2
9662	+0 2679	9.3	32 4.30	+3.0732-.0027	+0 3 39.8	-18.594-.160	99.3	2
9663	+0 2680	9.1	32 12.87	+3.0731-.0027	+0 2 39.8	-18.599-.159	99.7	2
9664	+0 2683	9.2	32 37.84	+3.0730-.0026	+0 1 37.1	-18.612-.159	99.7	2
9665	-0 2361	9.5	32 52.32	+3.0701-.0025	-0 18 14.6	-18.620-.158	99.3	2
9666	-1 2421	9.2	35 14.14	+3.0608-.0018	-1 24 32.3	-18.696-.153	99.3	2
9667	-0 2363	9.1	35 42.22	+3.0698-.0023	-0 21 2.4	-18.711-.153	99.3	2
9668	+0 2690	9.2	35 49.78	+3.0715-.0024	-0 8 50.8	-18.715-.153	99.3	2
9669	-1 2425	9.2	36 48.38	+3.0600-.0017	-1 32 18.2	-18.745-.150	99.7	2
9670	-0 2365	9.6	37 1.01	+3.0643-.0020	-1 1 20.5	-18.752-.150	99.8	2
9671	-1 2428	9.1	37 22.08	+3.0595-.0016	-1 36 39.8	-18.763-.149	99.7	2
9672	-1 2429	9.0	37 27.50	+3.0563-.0014	-1 59 55.4	-18.766-.149	99.8	2
9673	-1 2432	9.2	38 5.54	+3.0582-.0015	-1 46 59.5	-18.785-.148	99.3	2
9674	-1 2433	9.1	38 29.82	+3.0624-.0018	-1 16 32.1	-18.797-.147	99.3	2
9675	-1 2436	9.2	39 52.19	+3.0590-.0015	-1 42 46.9	-18.839-.145	99.3	2
9676	-0 2368	9.2	40 7.21	+3.0707-.0022	-0 15 22.9	-18.846-.145	99.7	2
9677	-0 2369	9.2	40 19.23	+3.0656-.0019	-0 53 31.8	-18.852-.144	99.8	2
9678	+0 2698	9.1	40 53.77	+3.0762-.0025	+0 26 27.9	-18.869-.144	99.7	2
9679	+0 2700	9.3	41 17.97	+3.0739-.0023	+0 9 8.9	-18.881-.143	99.8	2
9680	-0 2371	9.5	41 31.44	+3.0641-.0017	-1 6 20.1	-18.888-.142	99.8	2
9681	+0 2701	9.2	41 37.41	+3.0731-.0023	+0 2 45.8	-18.891-.142	99.3	2
9682	-0 2375	9.2	42 44.95	+3.0674-.0018	-0 41 46.4	-18.924-.140	99.3	2
9683	-1 2445	9.2	43 27.69	+3.0630-.0015	-1 16 31.3	-18.944-.138	99.7	2
9684	-1 2446	6.2	43 34.57	+3.0618-.0015	-1 25 51.9	-18.947-.138	00.0	3
9685	-0 2377	9.3	44 0.75	+3.0694-.0019	-0 25 53.2	-18.959-.138	99.8	2
9686	-1 2448	8.7	44 12.71	+3.0557-.0010	-2 14 41.3	-18.966-.136	99.7	2
9687	-0 2378	9.4	44 52.35	+3.0708-.0020	-0 15 44.0	-18.984-.136	99.8	2
9688	+0 2705	9.3	45 9.12	+3.0748-.0022	+0 16 30.6	-18.992-.136	99.7	2
9689	+0 2707	9.1	46 31.72	+3.0718-.0020	-0 7 14.1	-19.030-.133	99.3	2
9690	+0 2708	9.2	46 53.31	+3.0739-.0021	+0 9 30.3	-19.040-.132	99.3	2
9691	+0 2710	6.6	47 28.75	+3.0751-.0021	+0 19 47.9	-19.056-.131	00.0	3
9692	+0 2711	9.4	47 35.01	+3.0737-.0020	+0 7 54.7	-19.059-.131	99.7	2
9693	+0 2712	9.2	47 45.13	+3.0777-.0023	+0 41 9.4	-19.064-.131	00.2	2
9694	-1 2459	6.2	48 19.89	+3.0604-.0011	-1 43 16.0	-19.080-.129	99.8	2
9695	-1 2460	5.7	48 38.24	+3.0613-.0011	-1 35 52.6	-19.088-.128	99.3	2
9696	+0 2713	9.0	49 41.33	+3.0723-.0018	-0 3 24.5	-19.116-.127	99.3	2
9697	-0 2387	9.4	49 58.85	+3.0708-.0017	-0 16 22.7	-19.123-.126	99.3	2
9698	+0 2716	8.8	51 37.58	+3.0740-.0019	+0 11 17.2	-19.166-.124	99.3	2
9699	-0 2393	9.3	51 50.16	+3.0706-.0016	-0 18 47.0	-19.172-.123	99.7	2
9700	Paris 10420*	9.5	10 52 45.00	+3.0751-.0019	+0 21 12.3	-19.195-.122	99.3	2

9651 27°3 25'3.

9656 44°4 46'5.

9657 15°9 18'0.

9700 13°5 11'1.

9659 S Sextantis, too faint to observe in April 1899.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
9701	-1 2464	9.2	10 53 6.71	+3.0609-.0008	-1 45 29.2	-19.204-.120	99.3	2
9702	+0 2723	10	54 57.30	+3.0721-.0016	-0 5 26.3	-19.250-.117	99.9	3
9703	-1 2472	9.3	57 20.77	+3.0647-.0009	-1 16 9.3	-19.307-.112	99.7	2
9704	-1 2474	9.1	58 8.32	+3.0643-.0008	-1 20 50.7	-19.326-.111	00.2	2
9705	-0 2398	9.0	58 14.28	+3.0703-.0013	-0 23 13.1	-19.328-.111	00.2	2
9706	+0 2729	6.2	58 29.50	+3.0760-.0017	+0 32 15.0	-19.334-.111	00.3	2
9707	+0 2732	9.3	59 12.46	+3.0718-.0014	-0 9 21.4	-19.351-.109	99.3	2
9708	-1 2478	9.1	10 59 59.23	+3.0651-.0008	-1 15 40.7	-19.369-.107	99.3	2
9709	-0 2404*	9.2	11 0 10.77	+3.0708-.0012	-0 19 19.4	-19.373-.107	99.8	2
9710	+0 2739	9.3	1 1.51	+3.0719-.0013	-0 8 24.4	-19.392-.106	99.3	2
9711	-1 2480	9.3	1 11.35	+3.0618-.0004	-1 50 4.9	-19.396-.105	00.2	2
9712	+0 2740	9.3	1 20.57	+3.0743-.0015	+0 15 55.0	-19.399-.105	99.8	2
9713	-1 2481	9.3	1 32.94	+3.0619-.0004	-1 49 50.1	-19.403-.104	00.2	2
9714	+0 2744	9.4	1 59.92	+3.0732-.0013	+0 4 25.5	-19.413-.104	99.8	2
9715	+0 2750	8.1	3 28.43	+3.0726-.0012	-0 1 17.3	-19.445-.101	99.3	2
9716	-0 2408	9.4	3 33.22	+3.0675-.0008	-0 55 19.3	-19.447-.101	99.3	2
9717	-0 2411	9.8	4 46.91	+3.0709-.0010	-0 19 46.9	-19.473-.099	99.3	2
9718	+0 2753	9.0	4 47.22	+3.0743-.0013	+0 16 51.0	-19.473-.099	99.3	2
9719	-0 2416	9.5	6 52.41	+3.0714-.0009	-0 14 24.1	-19.516-.095	99.3	2
9720	+0 2758	8.1	7 3.41	+3.0734-.0011	+0 8 3.0	-19.519-.094	99.7	2
9721	+0 2759	9.0	7 8.22	+3.0733-.0011	+0 6 1.2	-19.521-.094	99.3	2
9722	-0 2418	8.8	7 17.38	+3.0714-.0009	-0 14 50.5	-19.524-.094	99.3	2
9723	-0 2421	9.4	8 9.24	+3.0684-.0006	-0 49 31.6	-19.541-.092	00.3	2
9724	+0 2760	9.3	8 10.34	+3.0761-.0013	+0 39 11.9	-19.542-.092	99.8	2
9725	+0 2761	5.4	8 38.42	+3.0752-.0012	+0 28 28.1	-19.551-.091	00.0	4
9726	+0 2762	9.4	10 46.81	+3.0749-.0011	+0 26 41.0	-19.591-.087	99.3	2
9727	+0 2765	9.4	11 48.08	+3.0751-.0010	+0 29 36.4	-19.610-.085	99.3	2
9728	-1 2505	9.3	12 10.89	+3.0658-.0000	-1 26 7.4	-19.617-.084	99.8	2
9729	-1 2508	9.2	13 52.91	+3.0644+.0002	-1 46 47.4	-19.647-.081	99.8	2
9730	+0 2767	9.5	13 57.40	+3.0760-.0010	+0 41 36.5	-19.649-.081	99.3	2
9731	-0 2428 <sup>1</sup>	8.0	14 16.73	+3.0676-.0001	-1 6 16.5	-19.654-.080	00.3	2
9732	-0 2428 <sup>2</sup>	7.0	14 17.43	+3.0676-.0001	-1 6 13.5	-19.655-.080	00.3	2
9733	-1 2509	9.1	14 23.44	+3.0661+.0001	-1 25 40.3	-19.656-.080	99.3	2
9734	+0 2768	9.5	14 23.60	+3.0728-.0007	+0 1 24.3	-19.656-.080	99.8	2
9735	+0 2772	9.1	16 0.38	+3.0718-.0005	-0 12 49.2	-19.684-.077	00.2	2
9736	+0 2771	9.1	16 1.02	+3.0724-.0005	-0 4 46.8	-19.684-.077	99.8	2
9737	-1 2512	9.0	16 18.71	+3.0666+.0001	-1 23 9.9	-19.689-.076	00.3	2
9738	+0 2776	9.2	16 48.83	+3.0736-.0006	+0 11 24.3	-19.697-.076	99.8	2
9739	+0 2777	8.2	16 49.21	+3.0732-.0006	+0 7 8.1	-19.697-.076	99.3	2
9740	+0 2779	9.2	16 54.13	+3.0724-.0005	-0 4 43.5	-19.699-.075	99.8	2
9741	-1 2517	9.3	17 48.73	+3.0638+.0006	-2 5 42.0	-19.713-.073	99.8	2
9742	-0 2435	9.2	18 10.41	+3.0707-.0002	-0 28 52.2	-19.719-.073	00.2	2
9743	+0 2782	6.3	18 10.71	+3.0756-.0008	+0 40 50.8	-19.719-.073	00.3	2
9744	-1 2519	9.0	19 14.47	+3.0672+.0003	-1 20 58.6	-19.736-.071	99.3	2
9745	-1 2522	9.4	20 5.32	+3.0652+.0006	-1 51 57.7	-19.749-.069	00.2	2
9746	-0 2438	9.1	20 7.16	+3.0684+.0002	-1 3 57.3	-19.749-.069	99.8	2
9747	+0 2788	8.8	20 47.27	+3.0746-.0006	+0 28 35.8	-19.759-.068	99.3	2
9748	-1 2525	9.2	21 30.96	+3.0655+.0007	-1 51 4.7	-19.770-.066	99.3	2
9749	-0 2441*	9.3	21 36.04	+3.0681+.0003	-1 10 52.7	-19.771-.066	99.8	2
9750	+0 2790	9.6	11 21 49.63	+3.0728-.0003	+0 1 17.7	-19.775-.066	99.7	2

9709 20°7 18'1.

9749 Double?



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
9751	-1 2527	9.1	11 22 52.36	+3.0676+.0005	-1 22 14.5	-19.790-.064	99.3	2
9752	-1 2530	9.2	23 52.91	+3.0680+.0005	-1 18 4.2	-19.804-.062	99.3	2
9753	-1 2535	9.3	26 14.73	+3.0668+.0009	-1 44 21.4	-19.835-.057	99.3	2
9754	-1 2536	9.3	26 19.27	+3.0670+.0008	-1 40 10.2	-19.836-.057	99.3	2
9755	+0 2799	9.2	26 48.10	+3.0746-.0003	+0 33 31.6	-19.842-.056	99.7	2
9756	+0 2800	9.4	27 6.06	+3.0742-.0002	+0 27 28.9	-19.846-.056	99.8	2
9757	-0 2450	9.2	27 37.83	+3.0698+.0005	-0 53 36.5	-19.852-.055	99.8	2
9758	+0 2804	9.4	28 27.10	+3.0735 .0000	+0 13 49.4	-19.862-.053	99.3	2
9759	-0 2453	9.8	28 52.03	+3.0715+.0003	-0 22 58.6	-19.867-.052	99.7	2
9760	-0 2454	9.6	28 53.07	+3.0718+.0003	-0 17 4.1	-19.868-.052	99.8	2
9761	+0 2807	9.2	30 9.31	+3.0727+.0002	+0 0 2.0	-19.882-.050	99.3	2
9762	+0 2810	9.4	31 2.24	+3.0748-.0001	+0 42 23.4	-19.892-.048	99.3	2
9763	-1 2545	9.3	31 50.29	+3.0666+.0014	-2 9 21.3	-19.901-.046	99.6	3
9764	+0 2813	9.4	32 50.23	+3.0735+.0002	+0 16 48.4	-19.911-.044	99.8	2
9765	+0 2815	9.4	33 8.55	+3.0729+.0003	+0 4 31.5	-19.915-.044	99.7	2
9766	Anon	9.5	33 17.14	+3.0676+.0013	-1 52 56.5	-19.916-.044	99.8	2
9767	-1 2546	6.2	33 17.53	+3.0676+.0013	-1 52 57.9	-19.916-.044	00.0	3
9768	-1 2547	9.3	33 42.58	+3.0668+.0015	-2 13 7.2	-19.920-.043	99.8	2
9769	-1 2553	9.2	35 6.18	+3.0693+.0012	-1 22 5.9	-19.934-.040	99.3	2
9770	-1 2554	8.9	35 23.66	+3.0680+.0015	-1 54 15.2	-19.937-.039	99.3	2
9771	-0 2471	9.0	35 36.92	+3.0703+.0010	-0 58 7.2	-19.939-.039	99.3	2
9772	+0 2823	10	37 14.99	+3.0741+.0003	+0 35 25.3	-19.953-.036	00.2	2
9773	+0 2825	9.4	37 54.82	+3.0737+.0004	+0 27 15.1	-19.959-.035	99.3	2
9774	+0 2828	9.1	39 19.01	+3.0731+.0006	+0 10 34.3	-19.970-.032	99.3	2
9775	+0 2830	9.1	39 38.14	+3.0737+.0005	+0 28 6.3	-19.973-.031	99.3	2
9776	-0 2482	9.2	39 52.88	+3.0722+.0009	-0 15 43.8	-19.975-.031	99.8	2
9777	-1 2564	9.2	39 53.57	+3.0695+.0015	-1 33 47.8	-19.975-.031	99.7	2
9778	+0 2832	9.5	40 55.76	+3.0723+.0009	-0 11 48.9	-19.983-.029	99.8	2
9779	-0 2487	9.2	41 32.10	+3.0720+.0010	-0 23 56.3	-19.987-.028	99.3	2
9780	+0 2836	9.2	42 8.72	+3.0734+.0006	+0 23 47.3	-19.991-.026	99.3	2
9781	+0 2839	9.0	42 39.42	+3.0731+.0008	+0 13 25.6	-19.995-.025	99.7	2
9782	-0 2493	9.2	42 40.03	+3.0712+.0013	-0 52 28.4	-19.995-.025	99.8	2
9783	+0 2843	6.2	43 55.33	+3.0731+.0008	+0 14 13.2	-20.002-.023	99.3	2
9784	-1 2573	9.4	44 40.93	+3.0708+.0016	-1 15 24.2	-20.007-.021	99.3	2
9785	+0 2844	9.3	44 44.46	+3.0733+.0008	+0 21 6.0	-20.008-.021	99.3	2
9786	-1 2577	9.3	45 41.90	+3.0695+.0022	-2 13 24.9	-20.013-.019	00.2	2
9787	+0 2849*	9.5	45 48.91	+3.0732+.0009	+0 17 43.0	-20.014-.019	99.8	2
9788	-1 2580	9.2	46 32.99	+3.0710+.0018	-1 17 25.7	-20.017-.018	99.3	2
9789	+0 2850	9.2	47 27.65	+3.0727+.0012	-0 0 42.8	-20.022-.016	99.3	2
9790	-0 2504	9.3	48 28.56	+3.0714+.0018	-1 9 29.2	-20.027-.014	99.3	2
9791	-0 2506	9.6	48 51.96	+3.0713+.0019	-1 13 24.7	-20.028-.013	99.3	2
9792	-1 2588	9.0	50 8.77	+3.0707+.0023	-1 59 2.9	-20.034-.011	99.3	2
9793	-0 2511	9.3	50 29.02	+3.0722+.0016	-0 30 47.8	-20.035-.010	00.2	2
9794	+0 2859	9.4	50 31.61	+3.0732+.0011	+0 28 45.4	-20.035-.010	99.8	2
9795	+0 2860	9.2	50 59.05	+3.0725+.0015	-0 14 31.7	-20.037-.009	99.3	2
9796	-1 2594	9.2	51 34.40	+3.0708+.0025	-2 13 15.7	-20.038-.008	99.3	2
9797	+0 2864	9.2	52 16.54	+3.0732+.0011	+0 40 23.0	-20.041-.007	99.3	2
9798	-0 2515	9.2	53 40.00	+3.0724+.0018	-0 28 33.5	-20.044-.004	99.3	2
9799	+0 2870	8.9	54 11.65	+3.0731+.0012	+0 34 37.0	-20.046-.003	99.8	2
9800	-0 2517	9.4	11 54 12.99	+3.0721+.0021	-1 2 39.6	-20.046-.003	99.8	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
9801	+0 2874	9.1	11 54 25.71	+3.0731+.0012	+0 43 19.1	-20.046-.002	99.3	2
9802	-1 2603	9.3	54 55.13	+3.0718+.0024	-1 41 17.4	-20.047-.001	00.3	2
9803	+0 2875	9.0	55 17.19	+3.0727+.0017	-0 8 7.0	-20.048-.001	00.3	2
9804	-0 2520	6.4	55 54.52	+3.0722+.0023	-1 12 33.3	-20.049.000	99.3	2
9805	-1 2606	9.1	56 19.43	+3.0721+.0025	-1 39 59.9	-20.050+.001	99.3	2
9806	+0 2881	8.0	56 49.81	+3.0729+.0014	+0 38 20.4	-20.050+.002	99.7	2
9807	+0 2880	7.8	56 49.89	+3.0729+.0013	+0 39 33.8	-20.050+.002	99.3	2
9808	+0 2882	9.3	57 19.83	+3.0729+.0013	+0 43 50.8	-20.051+.003	00.2	2
9809	-0 2527	9.2	58 30.34	+3.0727+.0019	-0 18 22.1	-20.051+.006	99.3	2
9810	-0 2529	9.1	59 27.12	+3.0727+.0022	-0 44 59.2	-20.052+.007	99.3	2
9811	+0 2887	9.5	11 59 32.71	+3.0727+.0017	+0 16 37.2	-20.052+.008	99.7	2
9812	+0 2892	9.3	12 0 59.96	+3.0727+.0016	+0 33 52.8	-20.052+.010	99.8	2
9813	+0 2893	9.0	1 15.91	+3.0727+.0017	+0 26 52.0	-20.052+.011	99.3	2
9814	-0 2537	9.3	1 44.20	+3.0728+.0021	-0 15 35.3	-20.052+.012	99.7	2
9815	+0 2896	9.6	2 49.44	+3.0728+.0021	-0 6 13.8	-20.051+.014	99.8	2
9816	+0 2900	9.4	3 27.85	+3.0727+.0020	+0 4 10.1	-20.050+.015	99.8	2
9817	+0 2901	9.3	3 45.81	+3.0728+.0022	-0 12 8.5	-20.049+.016	99.3	2
9818	-1 2625	9.2	4 39.16	+3.0736+.0031	-1 49 8.8	-20.048+.018	99.8	2
9819	-1 2626	9.4	4 42.25	+3.0736+.0031	-1 52 33.6	-20.048+.018	99.8	2
9820	+0 2904	9.4	5 11.82	+3.0728+.0022	-0 10 55.5	-20.047+.019	99.8	2
9821	+0 2906	8.8	5 43.94	+3.0727+.0021	+0 6 42.8	-20.046+.020	99.3	2
9822	-1 2632	7.1	6 14.34	+3.0741+.0033	-2 8 26.4	-20.045+.021	00.3	2
9823	-0 2542	9.1	6 54.34	+3.0731+.0025	-0 32 23.8	-20.043+.022	99.8	2
9824	+0 2909	9.1	7 8.28	+3.0724+.0020	+0 25 43.6	-20.042+.022	00.2	2
9825	-0 2544	9.4	7 15.66	+3.0732+.0026	-0 36 50.2	-20.042+.023	99.3	2
9826	-1 2635	7.4	7 34.61	+3.0742+.0033	-1 54 54.9	-20.041+.023	00.0	3
9827	+0 2910	8.9	8 46.04	+3.0726+.0023	+0 9 44.6	-20.037+.026	99.3	2
9828	-0 2553	9.2	9 27.95	+3.0731+.0026	-0 26 17.4	-20.035+.027	99.3	2
9829	+0 2915	9.3	9 56.37	+3.0727+.0024	-0 0 47.8	-20.033+.028	00.2	2
9830	-0 2555	9.1	10 14.91	+3.0733+.0027	-0 32 11.0	-20.032+.029	99.8	2
9831	+0 2916	9.0	10 16.97	+3.0724+.0023	+0 17 19.7	-20.032+.029	99.8	2
9832	-1 2638	9.4	10 28.52	+3.0751+.0036	-2 14 14.8	-20.031+.029	00.3	2
9833	-0 2556	9.3	11 2.91	+3.0741+.0031	-1 12 14.3	-20.029+.030	99.3	2
9834	+0 2919	9.0	12 36.60	+3.0720+.0023	+0 35 13.6	-20.022+.033	99.3	2
9835	+0 2921	9.0	13 42.94	+3.0722+.0024	+0 26 43.2	-20.016+.035	99.3	2
9836	-1 2648	9.1	14 17.03	+3.0752+.0035	-1 40 34.7	-20.013+.036	99.8	2
9837	+0 2927	8.2	15 8.17	+3.0721+.0025	+0 24 39.1	-20.008+.038	99.8	2
9838	+0 2929	9.3	15 46.56	+3.0722+.0026	+0 19 52.8	-20.005+.039	99.3	2
9839	+0 2930	9.3	16 8.72	+3.0729+.0028	-0 5 42.7	-20.002+.040	00.2	2
9840	+0 2933	9.5	16 50.14	+3.0728+.0028	-0 2 27.4	-19.998+.041	00.2	2
9841	+0 2934	9.3	17 0.09	+3.0731+.0029	-0 12 26.9	-19.997+.042	99.3	2
9842	+0 2935	8.9	17 41.89	+3.0722+.0027	+0 18 18.1	-19.992+.043	99.3	2
9843	+0 2939	9.3	19 19.05	+3.0726+.0029	+0 4 28.0	-19.981+.046	99.8	2
9844	+0 2940	9.4	19 42.78	+3.0724+.0029	+0 9 56.8	-19.978+.047	99.8	2
9845	-1 2662	9.2	19 49.78	+3.0763+.0039	-1 47 1.9	-19.977+.047	99.8	2
9846	-1 2663	9.4	20 1.02	+3.0760+.0038	-1 36 47.9	-19.976+.048	99.8	2
9847	-0 2571	9.2	20 25.14	+3.0741+.0034	-0 41 6.8	-19.973+.048	99.8	2
9848	+0 2943	9.1	21 26.63	+3.0718+.0029	+0 24 18.1	-19.964+.050	99.3	2
9849	+0 2945	8.9	21 53.61	+3.0712+.0027	+0 40 23.6	-19.961+.051	99.8	2
9850	-1 2669	9.0	12 22 25.18	+3.0778+.0043	-2 14 9.4	-19.956+.052	99.8	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
9851	-0 2579	9.4	12 22 58.08	+3.0740+.0034	-0 32 40.5	-19.951+.053	99.8	2
9852	-0 2582	9.2	23 54.24	+3.0736+.0034	-0 20 53.6	-19.943+.055	99.3	2
9853	-0 2585	9.3	25 0.64	+3.0734+.0034	-0 15 18.1	-19.933+.057	99.3	2
9854	+0 2948	9.4	25 22.97	+3.0716+.0031	+0 26 34.8	-19.929+.058	00.3	2
9855	-1 2683	9.1	26 2.09	+3.0767+.0041	-1 30 51.3	-19.923+.059	99.3	2
9856	-0 2588	9.4	28 5.04	+3.0752+.0039	-0 53 13.4	-19.902+.063	99.3	2
9857	-1 2690	9.2	28 37.71	+3.0779+.0044	-1 46 54.9	-19.896+.064	99.3	2
9858	+0 2954	9.3	29 26.66	+3.0705+.0031	+0 44 26.0	-19.887+.066	00.2	2
9859	+0 2956	9.1	30 53.93	+3.0732+.0037	-0 9 31.0	-19.870+.069	99.3	2
9860	+0 2957	9.5	30 58.17	+3.0704+.0032	+0 44 28.9	-19.869+.069	99.8	2
9861	+0 2959	9.0	31 29.88	+3.0729+.0036	-0 3 33.5	-19.863+.070	99.8	2
9862	+0 2961	9.1	31 47.51	+3.0725+.0036	+0 3 22.4	-19.860+.070	99.8	2
9863	+0 2962	9.3	32 1.31	+3.0717+.0035	+0 18 22.6	-19.857+.071	99.8	2
9864	+0 2966	8.8	34 17.46	+3.0718+.0036	+0 15 11.7	-19.828+.075	99.3	2
9865	+0 2967	8.8	34 52.85	+3.0726+.0038	+0 1 11.3	-19.820+.076	99.3	2
9866	-1 2705	9.2	35 23.28	+3.0808+.0050	-2 15 0.2	-19.814+.078	00.2	2
9867	-0 2599	9.2	36 3.37	+3.0760+.0043	-0 54 18.1	-19.804+.079	00.3	2
9868	-1 2708	9.3	36 23.73	+3.0779+.0046	-1 24 44.8	-19.800+.079	99.8	2
9869	-1 2713	9.1	36 49.03	+3.0802+.0049	-2 0 12.8	-19.794+.080	99.3	2
9870	-1 2716	9.0	37 49.27	+3.0793+.0048	-1 42 16.1	-19.780+.082	99.8	2
9871	+0 2975	9.1	37 58.63	+3.0727+.0040	+0 0 34.9	-19.777+.082	00.4	2
9872	Anon	9.7	38 2.03	+3.0706+.0037	+0 32 55.3	-19.777+.082	00.3	1
9873	+0 2976	9.3	38 2.88	+3.0706+.0037	+0 32 46.4	-19.776+.082	00.3	2
9874	-1 2719	9.0	38 14.28	+3.0811+.0051	-2 9 51.5	-19.774+.083	99.8	2
9875	-1 2720	8.8	38 47.63	+3.0783+.0048	-1 25 26.3	-19.765+.084	99.3	2
9876	+0 2979	9.3	39 31.81	+3.0720+.0040	+0 10 26.6	-19.755+.085	99.3	2
9877	-0 2607	9.0	40 24.04	+3.0759+.0045	-0 46 44.2	-19.741+.087	99.3	2
9878	-0 2609	9.2	42 0.62	+3.0752+.0045	-0 35 0.4	-19.716+.090	99.3	2
9879	+0 2984	9.8	43 4.35	+3.0710+.0041	+0 23 21.4	-19.699+.092	00.0	3
9880	+0 2986	9.7	43 54.69	+3.0699+.0040	+0 37 46.0	-19.685+.094	99.3	2
9881	-0 2615	9.1	44 48.64	+3.0772+.0048	-0 59 9.8	-19.670+.096	99.3	2
9882	-0 2618	9.5	45 47.96	+3.0782+.0050	-1 10 27.9	-19.653+.097	99.8	2
9883	-0 2619	9.3	45 50.89	+3.0775+.0049	-1 2 24.4	-19.652+.098	99.8	2
9884	+0 2995	9.1	47 3.01	+3.0719+.0044	+0 10 6.8	-19.631+.100	99.3	2
9885	-0 2625	8.8	47 46.72	+3.0761+.0049	-0 42 28.5	-19.618+.101	99.3	2
9886	-0 2626	9.1	47 49.49	+3.0745+.0047	-0 22 8.1	-19.617+.101	99.8	2
9887	-1 2737	9.1	49 18.80	+3.0807+.0054	-1 36 30.0	-19.590+.104	99.3	2
9888	-1 2745	9.0	52 26.79	+3.0845+.0059	-2 13 9.3	-19.529+.110	99.3	2
9889	-0 2636	9.4	52 46.88	+3.0763+.0051	-0 40 15.9	-19.523+.111	00.3	2
9890	-1 2747	9.0	53 30.63	+3.0834+.0058	-1 58 20.8	-19.508+.112	99.3	2
9891	-0 2639	8.9	53 48.10	+3.0744+.0050	-0 18 11.7	-19.502+.112	99.8	2
9892	+0 3006	9.4	54 0.40	+3.0721+.0048	+0 6 41.8	-19.498+.113	00.2	2
9893	+0 3009	8.8	55 24.96	+3.0727+.0049	+0 0 37.7	-19.469+.116	99.3	2
9894	-0 2643	9.4	55 49.11	+3.0758+.0052	-0 33 20.4	-19.460+.116	99.3	2
9895	-0 2646	9.5	56 41.64	+3.0764+.0053	-0 38 42.2	-19.442+.118	00.3	2
9896	-1 2759	9.4	56 49.33	+3.0811+.0057	-1 27 44.5	-19.439+.118	99.8	2
9897	-1 2761	9.3	57 31.39	+3.0848+.0060	-2 4 53.4	-19.424+.120	99.3	2
9898	+0 3013	9.1	58 27.08	+3.0730+.0050	-0 2 33.8	-19.403+.122	99.8	2
9899	-0 2651	9.5	58 52.55	+3.0747+.0052	-0 19 55.5	-19.394+.122	99.8	2
9900	-1 2763	9.3	12 59 7.90	+3.0807+.0057	-1 20 35.5	-19.388+.123	00.3	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
9901	-1 2765	9.0	12 59 25.97	+3.0818+.0058	-1 31 10.4	-19.382+.123	99.3	2
9902	-0 2655	8.8	13 0 3.19	+3.0765+.0054	-0 37 44.8	-19.368+.124	00.3	2
9903	-1 2770	9.2	1 11.66	+3.0865+.0063	-2 14 24.7	-19.342+.127	99.8	2
9904	+0 3020	9.0	1 46.37	+3.0706+.0050	+0 20 42.2	-19.328+.127	99.8	2
9905	+0 3021	9.1	2 5.66	+3.0722+.0052	+0 5 3.2	-19.321+.128	99.8	2
9906	-0 2658	9.0	2 8.83	+3.0799+.0058	-1 8 59.7	-19.319+.128	99.3	2
9907	+0 3023	9.3	2 50.10	+3.0689+.0050	+0 36 17.7	-19.303+.129	00.4	2
9908	-0 2659	9.7	3 5.53	+3.0766+.0056	-0 37 12.7	-19.297+.130	00.2	2
9909	+0 3026	8.8	4 19.52	+3.0699+.0051	+0 26 13.5	-19.267+.132	99.3	2
9910	-0 2662	9.1	4 46.51	+3.0784+.0058	-0 52 14.1	-19.257+.133	99.3	2
9911	+0 3029	9.2	5 37.47	+3.0738+.0055	-0 9 48.6	-19.236+.135	99.8	2
9912	-1 2781	8.7	5 48.72	+3.0872+.0065	-2 11 49.8	-19.231+.136	00.3	2
9913	-1 2785	9.4	7 47.71	+3.0842+.0063	-1 41 18.9	-19.181+.139	99.3	2
9914	-0 2669	9.2	8 0.01	+3.0795+.0060	-0 59 50.4	-19.176+.139	99.3	2
9915	-0 2671	9.1	8 34.04	+3.0798+.0060	-1 2 8.4	-19.161+.140	99.8	2
9916	-1 2788	8.9	8 48.95	+3.0858+.0065	-1 54 4.3	-19.155+.141	00.2	2
9917	+0 3034	9.2	8 53.00	+3.0696+.0053	+0 26 54.8	-19.153+.141	99.8	2
9918	+0 3035	9.0	8 58.62	+3.0708+.0054	+0 16 23.0	-19.151+.141	00.3	2
9919	-1 2791	9.1	10 8.52	+3.0876+.0067	-2 7 23.5	-19.120+.144	99.3	2
9920	+0 3038	9.2	10 15.66	+3.0694+.0054	+0 28 28.7	-19.117+.143	99.3	2
9921	+0 3040	6.3	12 22.64	+3.0738+.0058	-0 8 54.8	-19.060+.147	99.3	2
9922	-0 2677	10	12 56.41	+3.0817+.0063	-1 13 51.9	-19.045+.149	00.3	2
9923	-0 2678	8.9	13 50.79	+3.0782+.0061	-0 44 31.6	-19.020+.150	00.3	2
9924	+0 3047	9.0	16 13.94	+3.0732+.0059	-0 3 38.0	-18.953+.154	99.3	2
9925	-1 2802	9.5	16 27.19	+3.0837+.0066	-1 26 32.6	-18.947+.155	99.8	2
9926	-0 2680	9.2	16 45.98	+3.0754+.0061	-0 20 58.0	-18.938+.155	99.8	2
9927	-0 2681	9.6	17 4.93	+3.0776+.0062	-0 38 25.8	-18.929+.156	99.8	2
9928	-0 2684	9.1	18 12.26	+3.0803+.0064	-0 58 29.7	-18.896+.158	99.3	2
9929	-1 2816	8.8	19 14.73	+3.0869+.0069	-1 47 22.5	-18.865+.160	99.3	2
9930	+0 3052	9.2	19 38.62	+3.0724+.0060	+0 2 18.0	-18.853+.160	99.8	2
9931	+0 3053	8.8	20 37.49	+3.0722+.0060	+0 3 58.2	-18.824+.162	99.3	2
9932	-0 2686	6.0	21 4.01	+3.0782+.0064	-0 40 21.2	-18.811+.163	99.8	2
9933	+0 3059	9.7	22 17.02	+3.0678+.0058	+0 35 40.3	-18.773+.165	00.3	2
9934	-0 2690	9.0	22 18.06	+3.0772+.0064	-0 33 1.2	-18.773+.166	99.3	2
9935	-0 2694	6.4	24 6.91	+3.0798+.0066	-0 50 42.9	-18.717+.169	99.8	2
9936	-0 2698	9.4	25 57.11	+3.0772+.0065	-0 31 8.6	-18.658+.172	99.3	2
9937	+0 3069	9.1	27 4.22	+3.0726+.0063	+0 0 56.2	-18.622+.174	99.8	2
9938	+0 3073	9.3	28 37.07	+3.0696+.0062	+0 21 3.7	-18.572+.176	99.3	2
9939	M I 9299	9.3	29 4.31	+3.0673+.0061	+0 36 35.3	-18.557+.177	99.4	3
9940	+0 3074	9.2	29 4.49	+3.0672+.0061	+0 37 12.5	-18.557+.177	99.4	3, 2
9941	-1 2839*	9.0	30 12.05	+3.0903+.0074	-1 57 58.2	-18.519+.181	00.3	2
9942	-1 2841	9.2	30 47.23	+3.0912+.0075	-2 2 43.9	-18.499+.182	99.8	2
9943	-1 2843	9.4	31 37.93	+3.0852+.0072	-1 22 31.9	-18.471+.183	99.8	2
9944	+0 3081	9.0	32 17.52	+3.0678+.0063	+0 32 18.1	-18.448+.183	99.4	2
9945	+0 3085	9.5	33 4.88	+3.0735+.0066	-0 5 4.8	-18.421+.185	00.3	2
9946	-0 2716*	9.1	33 7.32	+3.0799+.0069	-0 46 43.4	-18.419+.185	99.8	2
9947	-1 2845	9.5	33 17.38	+3.0844+.0072	-1 15 34.7	-18.414+.186	99.8	2
9948	-0 2718	9.2	33 22.88	+3.0756+.0067	-0 18 44.0	-18.410+.185	00.3	1
9949	-0 2719	9.3	33 34.10	+3.0795+.0069	-0 43 41.0	-18.404+.186	99.3	2
9950	+0 3087	9.7	13 34 19.72	+3.0716+.0066	+0 7 23.6	-18.378+.187	99.8	2

9941 59°2 57'2.

9946 42°4 44'3.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	$^{\circ}$	<b>M</b>	<b>h m s</b>	<b>s s</b>	$^{\circ} ' "$	<b>" "</b>		
9951	-1 2848	8.9	13 35 3.92	+3.0902+.0075	-1 51 50.0	-18.352+.189	99.4	2
9952	+0 3089	9.3	36 43.12	+3.0747+.0068	-0 12 23.6	-18.293+.192	99.3	2
9953	+0 3090	9.1	36 49.55	+3.0690+.0065	+0 23 16.8	-18.289+.191	99.3	2
9954	-0 2725	9.0	37 19.19	+3.0840+.0073	-1 10 38.0	-18.271+.193	99.9	2
9955	+0 3091	9.2	37 47.66	+3.0705+.0066	+0 14 3.9	-18.254+.193	99.4	2
9956	+0 3093	9.3	38 35.36	+3.0660+.0065	+0 41 14.1	-18.225+.194	99.3	2
9957	-0 2731	9.1	38 51.66	+3.0828+.0073	-1 2 9.8	-18.215+.196	99.3	2
9958	-0 2732	9.3	39 9.43	+3.0822+.0073	-0 58 0.8	-18.204+.196	99.9	2
9959	+0 3096	9.7	40 26.39	+3.0675+.0066	+0 31 25.1	-18.157+.198	00.3	2
9960	-1 2854	9.3	40 34.86	+3.0873+.0076	-1 27 59.6	-18.152+.199	99.4	2
9961	-1 2855	9.0	41 12.70	+3.0886+.0076	-1 35 35.4	-18.128+.200	99.3	2
9962	-0 2736	9.0	41 14.80	+3.0800+.0072	-0 43 41.9	-18.127+.200	99.9	2
9963	+0 3102	9.2	42 44.92	+3.0737+.0070	-0 5 45.1	-18.071+.202	99.4	2
9964	-1 2859	9.6	42 45.16	+3.0901+.0077	-1 42 56.9	-18.070+.203	00.3	2
9965	-0 2739	9.4	43 22.26	+3.0764+.0071	-0 21 35.1	-18.047+.203	99.3	2
9966	-0 2742	9.8	43 32.47	+3.0826+.0074	-0 58 12.9	-18.040+.204	99.9	2
9967	+0 3106	9.3	45 20.83	+3.0744+.0071	-0 9 36.7	-17.971+.206	00.3	2
9968	-1 2863	9.3	45 54.97	+3.0907+.0079	-1 43 52.6	-17.949+.208	99.3	2
9969	-0 2750	9.6	46 6.99	+3.0776+.0073	-0 28 3.5	-17.941+.208	99.9	2
9970	-1 2868	9.0	47 5.86	+3.0857+.0076	-1 14 3.7	-17.902+.210	99.3	2
9971	-1 2870	9.9	47 26.15	+3.0900+.0079	-1 38 17.3	-17.889+.211	99.9	2
9972	-0 2753	9.4	48 30.16	+3.0832+.0076	-0 58 48.0	-17.847+.212	99.9	2
9973	-0 2760	8.8	49 44.03	+3.0793+.0075	-0 36 56.8	-17.797+.214	99.4	2
9974	-0 2765	9.0	50 28.51	+3.0815+.0076	-0 48 45.6	-17.767+.216	99.4	2
9975	+0 3110	9.0	51 1.96	+3.0717+.0072	+0 5 49.7	-17.745+.216	00.3	2
9976	+0 3111	9.0	51 21.55	+3.0696+.0071	+0 17 2.0	-17.731+.216	99.4	2
9977	+0 3113	9.3	51 42.93	+3.0654+.0069	+0 40 22.5	-17.717+.217	99.3	2
9978	+0 3114	9.1	51 46.79	+3.0719+.0072	+0 4 36.1	-17.714+.217	99.3	2
9979	-0 2771	9.1	54 40.76	+3.0801+.0076	-0 39 30.3	-17.594+.223	99.3	2
9980	-0 2772	9.0	54 51.02	+3.0853+.0078	-1 7 12.2	-17.586+.223	99.3	2
9981	-1 2891	9.1	55 51.66	+3.0955+.0083	-2 0 49.9	-17.544+.226	99.4	2
9982	+0 3124	8.9	56 56.53	+3.0646+.0071	+0 43 1.3	-17.498+.226	99.8	2
9983	+0 3127	9.1	58 8.85	+3.0677+.0072	+0 25 59.4	-17.446+.228	99.3	2
9984	+0 3128	7.9	58 16.69	+3.0744+.0075	-0 8 47.0	-17.440+.228	99.4	2
9985	-1 2898	9.2	58 53.25	+3.0885+.0081	-1 21 38.3	-17.414+.230	99.9	2
9986	+0 3130	8.3	58 54.76	+3.0714+.0074	+0 7 5.3	-17.413+.229	99.4	2
9987	-1 2902	9.2	13 59 51.39	+3.0922+.0082	-1 40 1.1	-17.372+.232	99.3	2
9988	-1 2903	9.7	14 0 15.71	+3.0975+.0085	-2 6 56.0	-17.354+.234	00.3	2
9989	-1 2904	9.2	1 10.32	+3.0957+.0084	-1 56 59.6	-17.314+.235	99.9	2
9990	-0 2784	9.2	2 19.20	+3.0796+.0078	-0 34 33.5	-17.263+.236	99.3	2
9991	-1 2906	9.5	2 43.13	+3.0922+.0083	-1 38 12.5	-17.245+.237	00.3	2
9992	+0 3137	9.5	3 30.40	+3.0683+.0074	+0 22 9.0	-17.210+.237	99.9	2
9993	+0 3138	9.3	3 58.96	+3.0679+.0074	+0 24 3.6	-17.189+.238	99.3	2
9994	+0 3139	9.1	4 2.22	+3.0676+.0074	+0 25 45.5	-17.186+.238	99.3	2
9995	+0 3143	9.0	4 56.45	+3.0637+.0073	+0 44 45.2	-17.145+.239	99.4	2
9996	+0 3144	9.0	5 9.20	+3.0706+.0075	+0 10 31.4	-17.136+.240	99.3	2
9997	-1 2913	9.5	5 17.60	+3.0994+.0086	-2 11 41.6	-17.129+.242	99.4	2
9998	-1 2918	9.3	6 28.84	+3.0909+.0083	-1 29 0.5	-17.075+.243	99.3	2
9999	+0 3148	9.5	8 9.66	+3.0733+.0077	-0 2 56.2	-16.998+.245	99.3	2
10000	-0 2796	5.8	14 8 31.28	+3.0774+.0079	-0 22 24.7	-16.981+.246	00.2	4



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
I0001	+0 3149	9.3	14 8 36.10	+3.0635+.0074	+0 44 26.7	-16.977+.245	99.4	2
I0002	-1 2923	8.8	8 53.83	+3.0892+.0083	-1 19 22.8	-16.963+.247	99.8	2
I0003	+0 3152	9.0	9 14.93	+3.0744+.0078	-0 8 3.3	-16.947+.247	00.3	2
I0004	+0 3153	9.1	9 43.79	+3.0637+.0074	+0 43 15.6	-16.924+.247	99.4	2
I0005	-0 2797	8.9	9 57.75	+3.0847+.0082	-0 57 14.4	-16.914+.248	99.4	2
I0006	-0 2798	9.3	10 33.71	+3.0879+.0083	-1 12 18.1	-16.885+.250	99.3	2
I0007	+0 3156	9.4	10 56.58	+3.0634+.0074	+0 44 16.5	-16.867+.248	99.3	2
I0008	-1 2933	9.0	11 31.26	+3.0958+.0086	-1 49 10.4	-16.840+.252	00.3	2
I0009	+0 3158	8.8	11 54.01	+3.0678+.0076	+0 23 17.3	-16.822+.250	99.4	2
I0010	-1 2934	9.3	12 2.08	+3.0882+.0083	-1 13 13.9	-16.815+.252	99.4	2
I0011	-1 2938	5.2	14 23.27	+3.0960+.0086	-1 48 11.7	-16.702+.257	00.0	5
I0012	+0 3165	7.0	15 22.79	+3.0644+.0076	+0 38 34.1	-16.654+.256	99.4	2
I0013	+0 3166	9.2	15 31.73	+3.0638+.0076	+0 41 9.6	-16.647+.256	99.4	2
I0014	-0 2813	8.8	15 34.91	+3.0880+.0084	-1 10 26.3	-16.644+.258	99.9	2
I0015	-1 2943*	6.8	16 49.26	+3.0928+.0086	-1 31 50.9	-16.583+.260	99.7	3
I0016	+0 3171	6.6	17 38.88	+3.0751+.0080	-0 10 52.0	-16.543+.260	00.0	3
I0017	-0 2816	8.9	17 40.00	+3.0874+.0084	-1 6 56.2	-16.542+.261	99.3	2
I0018	-1 2944	9.1	18 12.46	+3.0940+.0086	-1 36 25.8	-16.515+.263	99.4	2
I0019	-1 2947	9.0	18 29.36	+3.0989+.0088	-1 58 20.0	-16.501+.264	99.4	2
I0020	-0 2818	9.3	19 2.33	+3.0802+.0082	-0 33 38.3	-16.474+.263	99.4	2
I0021	+0 3180	9.0	19 38.53	+3.0695+.0079	+0 14 29.7	-16.444+.263	99.3	2
I0022	-0 2819	9.1	20 8.62	+3.0799+.0082	-0 32 13.5	-16.419+.265	99.4	2
I0023	+0 3181	9.5	21 16.28	+3.0646+.0077	+0 36 5.5	-16.362+.265	99.4	2
I0024	+0 3182	9.1	21 26.51	+3.0628+.0077	+0 44 7.3	-16.353+.265	99.4	2
I0025	-0 2824	9.0	21 48.18	+3.0861+.0084	-0 59 13.7	-16.335+.268	99.8	2
I0026	+0 3185	8.9	22 39.56	+3.0651+.0078	+0 33 29.2	-16.291+.267	99.9	2
I0027	-0 2827	9.0	22 41.16	+3.0879+.0085	-1 6 47.9	-16.290+.269	99.9	2
I0028	+0 3186	9.0	22 58.14	+3.0751+.0081	-0 10 27.0	-16.275+.269	99.9	2
I0029	$\phi^2$ Virginis	9.7	23 3.27	+3.0970+.0088	-1 46 49.0	-16.271+.271	99.4	2
I0030	-1 2958	9.2	23 47.60	+3.1018+.0089	-2 7 8.8	-16.233+.272	99.3	2
I0031	-1 2959	9.0	24 6.34	+3.0901+.0086	-1 16 7.9	-16.217+.272	99.4	2
I0032	+0 3192	9.2	24 28.21	+3.0629+.0078	+0 42 44.0	-16.198+.270	99.8	2
I0033	+0 3193	9.5	24 32.31	+3.0628+.0077	+0 43 6.8	-16.195+.270	00.3	1
I0034	+0 3196	9.1	26 4.20	+3.0698+.0080	+0 12 25.2	-16.115+.273	99.3	2
I0035	-0 2838	9.3	27 34.97	+3.0770+.0082	-0 18 7.6	-16.036+.276	99.3	2
I0036	-1 2965	8.7	28 36.11	+3.1037+.0090	-2 12 0.5	-15.983+.280	99.4	2
I0037	+0 3203	9.3	28 38.27	+3.0742+.0082	-0 6 6.6	-15.981+.277	99.4	2
I0038	-0 2842	8.8	28 59.44	+3.0874+.0086	-1 2 31.3	-15.962+.279	99.9	2
I0039	+0 3204	9.3	29 14.75	+3.0707+.0081	+0 8 44.7	-15.948+.278	99.4	2
I0040	+0 3205	9.5	30 21.36	+3.0752+.0082	-0 10 29.1	-15.889+.280	99.4	2
I0041	+0 3209	9.4	31 51.48	+3.0685+.0080	+0 17 27.6	-15.809+.282	99.3	2
I0042	+0 3211	9.0	32 16.87	+3.0735+.0082	-0 3 10.7	-15.786+.283	99.4	2
I0043	-0 2848	9.2	33 38.10	+3.0786+.0084	-0 24 19.7	-15.713+.285	99.4	2
I0044	+0 3214	9.3	33 52.16	+3.0713+.0082	+0 5 59.9	-15.700+.285	99.4	2
I0045	+0 3216	8.5	34 21.43	+3.0700+.0081	+0 11 1.4	-15.673+.286	99.4	2
I0046	+0 3219	9.2	34 49.73	+3.0624+.0079	+0 42 28.8	-15.648+.286	99.4	2
I0047	+0 3223	8.1	36 19.67	+3.0649+.0080	+0 31 56.9	-15.565+.288	99.3	2
I0048	+0 3224	8.7	36 31.01	+3.0728+.0082	-0 0 20.5	-15.555+.289	99.4	2
I0049	-0 2857	8.8	36 50.75	+3.0810+.0084	-0 33 29.6	-15.537+.290	99.4	2
I0050	+0 3226	9.2	14 38 21.34	+3.0719+.0082	+0 3 24.2	-15.453+.292	99.4	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	$^{\circ}$	M	h m s	s s	$^{\circ}$ ' "	" "		
10051	+0 3227	9.0	14 38 24.07	+3.0671+.0081	+0 22 49.0	-15.450+.292	99.4	2
10052	+0 3228	8.7	38 40.33	+3.0657+.0080	+0 28 25.1	-15.435+.292	99.3	2
10053	+0 3231	9.5	39 34.52	+3.0639+.0080	+0 35 25.6	-15.385+.293	99.8	2
10054	-0 2867	6.2	40 2.88	+3.0876+.0087	-0 59 42.0	-15.358+.296	00.1	3
10055	+0 3234	8.7	40 30.05	+3.0719+.0082	+0 3 26.9	-15.333+.295	99.4	2
10056	-0 2879	9.1	41 23.93	+3.0886+.0087	-1 3 8.2	-15.282+.298	99.4	2
10057	-1 2985	9.2	41 39.65	+3.0920+.0088	-1 16 22.0	-15.267+.299	00.3	2
10058	-0 2882	9.0	41 51.79	+3.0786+.0084	-0 23 24.7	-15.255+.298	99.4	2
10059	+0 3240	9.0	42 0.23	+3.0718+.0082	+0 3 25.9	-15.247+.297	99.4	2
10060	-0 2886	6.1	43 45.81	+3.0793+.0084	-0 25 54.2	-15.147+.300	99.8	3
10061	-1 2988	9.0	43 59.17	+3.0922+.0088	-1 16 14.7	-15.134+.302	99.4	2
10062	+0 3247	9.2	44 14.89	+3.0703+.0082	+0 9 26.3	-15.119+.300	99.3	2
10063	-1 2989	8.8	44 15.70	+3.0972+.0089	-1 35 41.1	-15.118+.303	99.4	2
10064	-1 2990	9.3	45 9.33	+3.1010+.0090	-1 49 51.1	-15.067+.304	00.3	2
10065	-0 2890	9.0	45 20.41	+3.0790+.0084	-0 24 31.7	-15.056+.303	99.4	2
10066	+0 3252	9.0	45 45.96	+3.0727+.0083	+0 0 8.0	-15.032+.303	99.9	2
10067	-1 2991	5.0	45 49.84	+3.1018+.0090	-1 52 57.6	-15.028+.306	99.3	2
10068	+0 3253	6.2	45 52.86	+3.0703+.0082	+0 9 19.2	-15.025+.303	00.4	2
10069	+0 3256	9.1	46 13.06	+3.0701+.0082	+0 10 0.2	-15.005+.303	99.4	2
10070	-0 2891	9.0	46 23.15	+3.0840+.0086	-0 43 54.1	-14.996+.305	99.8	2
10071	-0 2897	9.0	47 40.03	+3.0852+.0086	-0 48 13.2	-14.921+.307	99.4	2
10072	+0 3262	9.7	47 56.92	+3.0665+.0082	+0 24 2.9	-14.905+.305	99.3	2
10073	+0 3266	8.9	49 4.01	+3.0646+.0081	+0 31 12.9	-14.839+.307	99.4	2
10074	-1 2996	8.8	49 10.62	+3.0957+.0089	-1 27 51.8	-14.833+.310	99.4	2
10075	+0 3271	9.1	50 5.22	+3.0647+.0081	+0 30 30.9	-14.779+.308	99.3	2
10076	-1 2998	9.7	50 13.98	+3.0984+.0090	-1 37 49.2	-14.770+.312	00.1	3
10077	-0 2902	9.1	50 26.80	+3.0892+.0087	-1 2 39.8	-14.758+.311	99.9	2
10078	+0 3275	9.0	51 16.46	+3.0662+.0082	+0 24 38.0	-14.708+.310	99.4	2
10079	+0 3276	9.1	51 35.18	+3.0667+.0082	+0 22 44.0	-14.690+.310	99.3	2
10080	-0 2906	8.8	52 15.25	+3.0891+.0087	-1 1 40.3	-14.650+.314	99.4	2
10081	+0 3277	5.7	52 25.54	+3.0690+.0082	+0 14 6.7	-14.640+.312	99.8	3
10082	+0 3278	9.3	52 51.69	+3.0630+.0081	+0 36 22.2	-14.614+.312	99.9	2
10083	-0 2911	9.1	53 47.44	+3.0815+.0086	-0 32 52.6	-14.558+.315	99.8	2
10084	+0 3286	8.5	53 48.71	+3.0718+.0083	+0 3 27.3	-14.557+.314	99.3	2
10085	+0 3289	9.3	54 30.98	+3.0736+.0084	-0 3 20.8	-14.514+.315	99.4	2
10086	-1 3005	9.0	55 3.88	+3.1021+.0090	-1 49 15.3	-14.481+.319	99.4	2
10087	+0 3295	8.9	56 1.59	+3.0722+.0083	+0 1 57.0	-14.423+.317	99.3	2
10088	-0 2913	9.0	56 11.03	+3.0834+.0086	-0 39 30.8	-14.413+.318	99.8	2
10089	+0 3297	5.9	56 41.64	+3.0686+.0083	+0 15 17.9	-14.382+.318	00.0	2
10090	-0 2916	9.3	57 29.53	+3.0908+.0088	-1 6 31.4	-14.333+.321	99.4	2
10091	-1 3011	9.0	14 58 43.35	+3.1012+.0090	-1 43 59.6	-14.258+.324	99.3	2
10092	-0 2922	9.4	15 0 3.26	+3.0794+.0085	-0 24 7.0	-14.176+.324	99.4	2
10093	-0 2927	9.3	2 38.74	+3.0822+.0086	-0 34 16.4	-14.014+.327	00.3	2
10094	-0 2928	9.3	2 56.21	+3.0886+.0087	-0 57 2.5	-13.996+.328	00.4	2
10095	-1 3027	9.0	4 17.40	+3.0980+.0089	-1 30 6.8	-13.911+.331	99.4	2
10096	-0 2934	8.9	4 21.22	+3.0900+.0087	-1 1 34.0	-13.907+.330	99.4	2
10097	-1 3029	9.6	6 19.44	+3.1011+.0090	-1 40 33.6	-13.782+.334	00.3	2
10098	-1 3030	7.0	6 24.37	+3.1046+.0090	-1 52 53.6	-13.777+.334	99.4	2
10099	-0 2939	9.1	6 35.12	+3.0838+.0086	-0 39 21.2	-13.766+.333	99.4	2
10100	-1 3033	8.7	15 8 19.96	+3.0943+.0088	-1 15 54.6	-13.654+.336	99.5	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
10101	-1 3035	9.1	15 8 48.54	+3.1077+.0091	-2 2 34.5	-13.624+.338	99.4	2
10102	-0 2944	6.7	8 50.03	+3.0892+.0087	-0 57 49.2	-13.622+.336	99.5	2
10103	Anon	9.7	8 54.20	+3.1082+.0091	-2 4 25.6	-13.618+.338	99.4	2
10104	+0 3320	9.0	8 54.28	+3.0663+.0082	+0 22 31.0	-13.618+.334	99.9	2
10105	+0 3327	5.6	10 43.40	+3.0599+.0081	+0 44 31.8	-13.500+.336	00.4	3
10106	+0 3329	9.2	11 21.38	+3.0650+.0082	+0 26 43.9	-13.459+.337	99.4	2
10107	+0 3330	9.3	11 37.93	+3.0672+.0082	+0 18 56.7	-13.441+.338	99.4	2
10108	+0 3334	9.2	12 32.50	+3.0733+.0083	-0 2 8.0	-13.382+.339	99.9	2
10109	+0 3337	6.0	13 18.33	+3.0744+.0083	-0 5 45.8	-13.332+.340	99.4	2
10110	+0 3340	9.4	14 19.27	+3.0628+.0081	+0 34 7.9	-13.266+.340	99.3	2
10111	+0 3345	8.8	15 12.80	+3.0744+.0083	-0 5 46.4	-13.207+.343	99.4	2
10112	-0 2952	9.0	15 18.04	+3.0870+.0086	-0 48 57.6	-13.201+.344	99.5	2
10113	+0 3346	9.1	15 18.67	+3.0619+.0081	+0 36 49.2	-13.201+.342	99.3	2
10114	-1 3047	6.5	15 37.44	+3.1087+.0090	-2 2 50.0	-13.180+.347	00.4	2
10115	-0 2954	9.2	15 58.19	+3.0775+.0084	-0 16 23.5	-13.157+.344	00.3	2
10116	-0 2955	9.0	16 0.51	+3.0789+.0084	-0 20 56.4	-13.155+.344	99.9	2
10117	+0 3350	9.3	18 33.81	+3.0712+.0082	+0 5 3.4	-12.985+.347	99.4	2
10118	-1 3056	9.4	21 49.36	+3.1077+.0089	-1 56 39.8	-12.767+.355	00.3	2
10119	+0 3357	9.3	22 31.34	+3.0651+.0081	+0 25 20.6	-12.719+.351	99.4	2
10120	+0 3358	9.0	22 52.95	+3.0684+.0082	+0 14 24.9	-12.695+.352	99.4	2
10121	+0 3361	9.5	24 30.27	+3.0736+.0082	-0 3 4.0	-12.585+.354	00.3	2
10122	-0 2976	9.3	25 57.68	+3.0807+.0083	-0 26 17.1	-12.485+.357	99.4	2
10123	-0 2977	9.2	26 5.97	+3.0797+.0083	-0 22 57.7	-12.476+.357	99.9	2
10124	-1 3065	9.3	26 48.24	+3.1097+.0088	-2 1 4.7	-12.428+.361	99.9	2
10125	+0 3366	9.2	26 56.94	+3.0644+.0080	+0 27 22.4	-12.418+.356	99.4	2
10126	+0 3368	9.4	27 29.72	+3.0726+.0082	+0 0 19.0	-12.380+.358	99.9	2
10127	-0 2982	5.8	27 48.81	+3.0883+.0085	-0 50 49.5	-12.358+.360	99.8	3
10128	+0 3373	9.0	29 18.40	+3.0684+.0081	+0 14 21.4	-12.255+.359	99.5	2
10129	+0 3376	9.3	30 20.52	+3.0607+.0079	+0 38 47.9	-12.183+.360	99.4	2
10130	-1 3070	9.0	30 34.53	+3.1093+.0088	-1 58 12.1	-12.167+.365	99.9	2
10131	+0 3378	9.1	30 54.15	+3.0615+.0079	+0 36 8.7	-12.144+.360	00.3	2
10132	-0 2988	6.5	31 25.75	+3.0770+.0082	-0 13 46.9	-12.108+.363	99.9	2
10133	+0 3379	8.9	31 40.60	+3.0713+.0081	+0 4 41.1	-12.090+.361	99.9	2
10134	-0 2989 <sup>1</sup>	9.9	31 52.88	+3.0793+.0082	-0 21 6.7	-12.076+.363	99.5	2
10135	-0 2989 <sup>2</sup>	9.4	31 53.23	+3.0793+.0082	-0 21 4.8	-12.076+.363	99.5	2
10136	+0 3382	9.4	32 54.05	+3.0606+.0079	+0 38 53.9	-12.005+.362	99.4	2
10137	-0 2995	9.1	34 32.82	+3.0836+.0082	-0 34 49.4	-11.889+.367	99.4	2
10138	-1 3077	9.2	34 46.45	+3.0999+.0085	-1 26 36.0	-11.873+.369	99.9	2
10139	-1 3079	8.9	35 2.64	+3.1104+.0087	-2 0 12.6	-11.854+.371	99.4	2
10140	-0 2999	9.2	36 32.56	+3.0817+.0082	-0 28 33.8	-11.748+.369	99.9	2
10141	-0 3000*	9.5	36 44.21	+3.0820+.0082	-0 29 33.0	-11.734+.369	99.4	2
10142	-1 3083	9.2	37 7.61	+3.1054+.0086	-1 43 33.2	-11.706+.372	99.9	2
10143	-1 3089	9.2	38 50.51	+3.1106+.0086	-1 59 27.8	-11.584+.375	99.4	2
10144	-0 3003	9.3	39 34.17	+3.0931+.0083	-1 3 57.8	-11.532+.374	99.4	2
10145	+0 3398	9.0	40 53.90	+3.0665+.0078	+0 19 29.2	-11.437+.372	99.4	2
10146	-1 3092	5.4	40 55.20	+3.1013+.0084	-1 29 27.5	-11.435+.376	99.9	2
10147	-1 3097	9.2	42 38.44	+3.1115+.0085	-2 0 40.6	-11.311+.379	99.4	2
10148	-1 3098	9.3	42 48.07	+3.1035+.0084	-1 35 39.4	-11.300+.378	99.4	2
10149	+0 3407	9.3	44 54.15	+3.0714+.0078	+0 4 6.1	-11.147+.377	99.5	2
10150	-0 3020	9.3	15 45 20.65	+3.0840+.0080	-0 34 53.6	-11.115+.379	99.8	2

10141 10M5 5" 320°



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
10151	+0 3412	8.8	15 45 40.60	+3.0695+.0078	+0 10 2.0	-11.091+.377	99.9	2
10152	+0 3416	9.3	46 46.87	+3.0678+.0078	+0 15 3.3	-11.010+.378	99.5	2
10153	+0 3417	9.4	47 2.21	+3.0616+.0076	+0 34 11.0	-10.992+.378	99.9	2
10154	+0 3420	9.2	47 36.97	+3.0738+.0078	-0 3 14.7	-10.949+.380	99.4	2
10155	-1 3114	9.2	49 46.41	+3.1097+.0083	-1 52 55.2	-10.791+.386	00.3	2
10156	-1 3117	9.0	50 24.45	+3.1112+.0083	-1 57 10.4	-10.744+.387	99.4	2
10157	Anon	8.8	50 43.66	+3.1096+.0082	-1 52 7.6	-10.720+.388	00.3	2
10158	-1 3118	6.7	50 43.79	+3.1096+.0082	-1 52 13.0	-10.720+.388	00.4	3
10159	+0 3431	9.2	50 59.14	+3.0557+.0075	+0 51 43.6	-10.701+.381	99.9	2
10160	+0 3433	9.3	51 13.95	+3.0572+.0075	+0 47 12.2	-10.683+.382	99.4	2
10161	-1 3120	9.2	52 34.94	+3.1034+.0081	-1 32 52.2	-10.583+.389	99.4	2
10162	-0 3044	9.7	53 48.83	+3.0928+.0079	-1 0 43.6	-10.491+.388	99.5	2
10163	+0 3440	9.5	53 54.53	+3.0558+.0074	+0 51 0.1	-10.484+.384	99.9	2
10164	-1 3124	9.2	54 29.76	+3.1029+.0080	-1 30 57.8	-10.440+.390	99.4	2
10165	+0 3444	9.5	56 22.24	+3.0564+.0074	+0 48 57.7	-10.299+.387	00.3	2
10166	+0 3445	9.5	56 24.51	+3.0578+.0074	+0 44 45.7	-10.297+.387	99.9	2
10167	+0 3446	9.4	57 1.68	+3.0662+.0075	+0 19 31.3	-10.250+.388	99.9	2
10168	-0 3051	9.3	58 3.94	+3.0783+.0076	-0 16 36.6	-10.172+.391	99.5	2
10169	+0 3449	9.3	15 59 11.09	+3.0587+.0073	+0 41 35.5	-10.088+.390	99.4	2
10170	+0 3456	9.8	16 1 12.26	+3.0637+.0073	+0 26 46.9	-9.935+.392	99.9	2
10171	+0 3459	9.3	2 30.32	+3.0666+.0073	+0 18 2.1	-9.836+.394	99.4	2
10172	+0 3460	9.3	3 9.25	+3.0702+.0074	+0 7 33.8	-9.786+.395	99.5	2
10173	+0 3461	9.0	3 25.80	+3.0553+.0072	+0 51 23.8	-9.765+.393	99.5	2
10174	-1 3135	9.1	4 19.75	+3.1010+.0077	-1 23 10.0	-9.696+.400	99.9	2
10175	-1 3136	9.2	4 29.40	+3.1140+.0078	-2 1 7.5	-9.684+.402	00.3	2
10176	-0 3064	9.3	5 9.69	+3.0828+.0074	-0 29 26.4	-9.632+.398	99.4	2
10177	-0 3065	9.1	5 25.02	+3.0802+.0074	-0 21 50.7	-9.613+.398	99.9	2
10178	-1 3141	9.3	5 48.84	+3.1076+.0077	-1 41 54.4	-9.582+.402	00.1	3
10179	-0 3073	9.2	7 0.95	+3.0942+.0075	-1 2 44.3	-9.490+.401	99.5	2
10180	+0 3470	9.3	7 14.53	+3.0554+.0071	+0 50 17.8	-9.472+.397	99.5	2
10181	-0 3077	9.3	7 50.51	+3.0858+.0074	-0 37 59.6	-9.426+.401	99.4	2
10182	-1 3146	9.3	8 6.06	+3.1134+.0077	-1 58 17.5	-9.406+.405	99.9	2
10183	-1 3149	6.6	8 28.74	+3.0979+.0075	-1 13 13.0	-9.377+.403	99.9	2
10184	-1 3153	8.1	8 52.67	+3.1158+.0077	-2 5 6.7	-9.346+.406	99.9	2
10185	-2 4132	9.3	8 53.90	+3.1171+.0077	-2 8 52.9	-9.344+.406	00.0	2
10186	+0 3474	9.0	9 7.59	+3.0704+.0072	+0 6 53.8	-9.327+.400	99.9	2
10187	+0 3475	9.3	9 10.01	+3.0572+.0070	+0 45 8.5	-9.324+.399	99.5	2
10188	-1 3154	9.2	9 16.37	+3.1117+.0076	-1 53 5.0	-9.315+.405	99.9	2
10189	+0 3476	9.4	9 16.70	+3.0636+.0071	+0 26 24.0	-9.315+.400	00.0	2
10190	+0 3478	9.2	9 59.45	+3.0669+.0071	+0 16 46.0	-9.260+.400	99.5	2
10191	-1 3159	8.4	10 3.04	+3.1159+.0077	-2 5 1.8	-9.255+.407	99.4	2
10192	+0 3479	9.2	10 25.15	+3.0589+.0070	+0 40 8.1	-9.227+.400	99.8	3
10193	-0 3087	9.3	11 12.57	+3.0782+.0072	-0 15 53.1	-9.165+.403	99.5	2
10194	+0 3485	9.5	11 48.19	+3.0548+.0069	+0 51 52.3	-9.119+.400	99.5	2
10195	+0 3486	9.2	12 22.10	+3.0590+.0070	+0 39 39.2	-9.075+.401	99.9	2
10196	+0 3488	9.0	12 31.13	+3.0669+.0070	+0 16 43.3	-9.063+.402	99.5	2
10197	+0 3493	9.2	13 22.40	+3.0593+.0069	+0 38 35.2	-8.996+.402	99.5	2
10198	+0 3494	9.3	13 23.88	+3.0568+.0069	+0 45 43.7	-8.994+.402	99.5	2
10199	-0 3092	9.0	13 35.89	+3.0906+.0073	-0 51 25.8	-8.979+.406	99.5	2
10200	+0 3501	9.4	16 15 10.01	+3.0586+.0068	+0 40 20.8	-8.856+.404	99.5	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
10201	+0 3502	9.3	16 15 24.84	+3.0670+.0069	+0 16 17.6	- 8.836+.405	99.5	2
10202	-0 3100	9.1	16 21.66	+3.0940+.0072	-1 0 44.0	- 8.762+.409	99.5	2
10203	+0 3509	9.4	17 13.38	+3.0631+.0068	+0 27 31.1	- 8.694+.406	99.8	3
10204	-1 3174	6.1	17 27.44	+3.1115+.0073	-1 50 40.6	- 8.675+.412	99.5	2
10205	-0 3102	9.0	17 37.15	+3.0778+.0070	-0 14 35.7	- 8.663+.408	99.5	2
10206	-0 3105	7.3	17 57.09	+3.0858+.0070	-0 37 18.7	- 8.637+.410	99.5	2
10207	+0 3515	9.0	18 27.89	+3.0657+.0068	+0 19 54.0	- 8.596+.407	99.4	2
10208	-1 3182	9.2	19 37.23	+3.1092+.0072	-1 43 28.8	- 8.505+.414	99.5	2
10209	+0 3518	9.0	20 3.91	+3.0623+.0067	+0 29 36.2	- 8.469+.408	99.5	2
10210	+0 3521	9.2	21 13.63	+3.0726+.0068	+0 0 26.3	- 8.377+.410	99.5	2
10211	+0 3522	9.3	21 51.75	+3.0623+.0067	+0 29 32.2	- 8.326+.410	99.5	2
10212	+0 3524	9.0	22 25.27	+3.0578+.0066	+0 42 12.8	- 8.282+.409	99.5	2
10213	-0 3118*	9.0	22 33.22	+3.0847+.0068	-0 33 46.2	- 8.271+.413	99.5	2
10214	-1 3195	9.0	22 56.11	+3.1017+.0070	-1 21 38.8	- 8.241+.416	99.5	2
10215	-0 3120	9.0	23 16.82	+3.0838+.0069	-0 31 7.0	- 8.213+.414	99.5	2
10216	+0 3529	5.5	23 28.23	+3.0538+.0065	+0 53 19.3	- 8.198+.410	99.5	2
10217	-1 3198	9.1	23 51.04	+3.1066+.0070	-1 35 17.2	- 8.168+.417	99.5	2
10218	+0 3532	9.5	24 7.78	+3.0625+.0066	+0 28 42.8	- 8.146+.411	99.5	2
10219	-1 3201	9.4	24 44.35	+3.1071+.0070	-1 36 32.1	- 8.097+.418	99.5	2
10220	-0 3129	9.3	26 21.57	+3.0849+.0067	-0 34 4.7	- 7.967+.416	99.5	2
10221	-1 3205	9.1	26 26.20	+3.1017+.0069	-1 21 8.0	- 7.961+.418	99.4	2
10222	+0 3546	9.5	28 19.18	+3.0562+.0064	+0 46 9.8	- 7.809+.414	99.5	2
10223	-0 3135	9.3	28 38.05	+3.0880+.0066	-0 42 45.6	- 7.784+.417	99.4	2
10224	+0 3548	9.2	28 45.19	+3.0682+.0065	+0 12 33.2	- 7.774+.416	99.5	2
10225	+0 3550	9.2	29 55.76	+3.0616+.0063	+0 30 56.2	- 7.679+.416	99.5	3
10226	+0 3551	9.3	30 11.19	+3.0623+.0064	+0 28 59.1	- 7.659+.416	99.5	3
10227	-0 3142	9.2	30 16.07	+3.0902+.0066	-0 48 36.0	- 7.652+.420	99.4	2
10228	-0 3152	9.8	32 39.39	+3.0803+.0064	-0 21 0.9	- 7.458+.420	99.4	2
10229	-1 3224	9.2	33 23.05	+3.1131+.0067	-1 51 34.6	- 7.399+.425	99.5	2
10230	-0 3153	6.7	33 23.75	+3.0951+.0065	-1 1 54.0	- 7.397+.422	99.5	2
10231	-0 3161	9.2	35 3.56	+3.0947+.0064	-1 0 34.8	- 7.263+.423	99.4	2
10232	-1 3229	9.1	35 38.55	+3.1120+.0066	-1 48 13.8	- 7.215+.426	99.5	2
10233	-0 3168	6.3	36 2.11	+3.0903+.0064	-0 48 23.5	- 7.183+.423	99.5	2
10234	+0 3562	8.8	36 14.98	+3.0575+.0061	+0 42 0.5	- 7.166+.419	99.5	2
10235	+0 3565	9.1	37 30.52	+3.0678+.0061	+0 13 29.7	- 7.063+.422	99.5	2
10236	+0 3566	8.9	37 34.15	+3.0571+.0060	+0 42 59.9	- 7.058+.420	99.5	2
10237	+0 3570	9.3	38 7.53	+3.0702+.0061	+0 6 48.4	- 7.012+.422	99.5	2
10238	-1 3240	9.3	38 37.00	+3.1038+.0064	-1 25 19.6	- 6.972+.427	99.5	2
10239	-0 3175	9.2	39 40.96	+3.0761+.0061	-0 9 14.4	- 6.884+.424	99.4	2
10240	-1 3243	8.8	40 39.32	+3.0964+.0060	-1 4 51.9	- 6.804+.427	99.4	2
10241	+0 3577	9.1	41 54.95	+3.0530+.0058	+0 53 51.9	- 6.700+.422	99.4	2
10242	-0 3187	9.3	43 18.68	+3.0901+.0060	-0 47 12.9	- 6.585+.428	99.4	2
10243	-1 3253	9.3	44 14.10	+3.0996+.0060	-1 12 57.2	- 6.509+.430	99.4	2
10244	-0 3192	9.4	45 6.12	+3.0764+.0058	-0 9 58.2	- 6.437+.427	99.5	2
10245	+0 3587	9.4	45 32.32	+3.0618+.0057	+0 29 30.6	- 6.401+.426	99.5	2
10246	+0 3589	8.9	46 31.10	+3.0584+.0056	+0 38 55.0	- 6.320+.426	99.4	2
10247	-0 3198	9.5	48 35.92	+3.0776+.0057	-0 13 7.5	- 6.147+.430	99.5	2
10248	-1 3268	6.2	48 59.74	+3.1049+.0059	-1 26 47.0	- 6.114+.434	99.4	2
10249	+0 3596	9.3	49 43.10	+3.0603+.0055	+0 33 24.2	- 6.053+.428	99.5	2
10250	-1 3269	9.5	16 50 30.84	+3.1158+.0058	-1 56 8.7	- 5.987+.436	99.5	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	$^{\circ}$	M	h m s	s s	$^{\circ} ' "$	" "		
10251	+0 3599	9.2	16 51 23.10	+3.0539+.0054	+0 50 42.6	- 5.914+.428	99.4	2
10252	-1 3274	9.4	52 53.35	+3.1140+.0057	-1 50 40.8	- 5.788+.437	99.5	2
10253	-1 3275	9.4	53 14.60	+3.1189+.0057	-2 3 56.8	- 5.759+.438	99.5	2
10254	-1 3277	9.2	53 55.06	+3.1087+.0056	-1 36 46.9	- 5.702+.437	99.5	2
10255	-1 3279	9.7	54 54.96	+3.1187+.0056	-2 3 10.5	- 5.618+.438	99.5	2
10256	+0 3611	8.8	55 14.40	+3.0614+.0053	+0 30 11.2	- 5.591+.431	99.5	2
10257	+0 3613	9.0	56 7.80	+3.0581+.0052	+0 39 12.6	- 5.516+.431	99.5	2
10258	-1 3283	9.2	56 13.23	+3.1042+.0055	-1 24 14.4	- 5.509+.437	99.5	2
10259	+0 3617	9.3	56 56.85	+3.0569+.0052	+0 42 22.8	- 5.447+.431	99.4	2
10260	+0 3621	9.3	57 45.56	+3.0632+.0052	+0 25 17.5	- 5.379+.432	99.5	2
10261	+0 3622	8.7	57 55.99	+3.0638+.0052	+0 23 48.3	- 5.364+.432	99.5	2
10262	+0 3624	6.8	58 34.08	+3.0728+.0053	-0 0 15.0	- 5.302+.434	99.5	2
10263	+0 3627	9.1	16 59 54.91	+3.0561+.0050	+0 44 9.0	- 5.197+.432	99.4	2
10264	+0 3629	5.9	17 0 11.33	+3.0536+.0050	+0 50 57.5	- 5.174+.432	99.5	2
10265	-0 3224	5.6	0 23.01	+3.0897+.0052	-0 45 17.7	- 5.158+.437	99.5	2
10266	+0 3630	9.0	0 28.18	+3.0548+.0050	+0 47 41.4	- 5.150+.432	99.5	2
10267	Anon	9.2	1 40.40	+3.1071+.0052	-1 31 14.2	- 5.048+.440	99.5	2
10268	+0 3635	9.0	1 40.85	+3.0633+.0050	+0 25 7.7	- 5.048+.434	99.5	2
10269	-1 3292	6.2	1 41.73	+3.1071+.0052	-1 31 17.9	- 5.046+.440	99.5	2
10270	+0 3634	9.5	1 41.96	+3.0549+.0049	+0 47 26.8	- 5.046+.433	99.4	2
10271	+0 3637	9.5	2 19.26	+3.0518+.0049	+0 55 25.4	- 4.993+.433	99.5	2
10272	+0 3639	9.3	2 48.54	+3.0721+.0050	+0 1 37.0	- 4.952+.436	99.5	2
10273	-0 3230	6.0	3 4.08	+3.0942+.0051	-0 56 51.3	- 4.930+.439	99.6	2
10274	+0 3648	9.2	4 47.65	+3.0653+.0048	+0 19 44.6	- 4.784+.436	99.4	2
10275	+0 3649	6.8	5 9.53	+3.0590+.0048	+0 36 26.7	- 4.753+.435	99.5	2
10276	-1 3302	9.3	6 32.03	+3.1028+.0049	-1 19 37.7	- 4.636+.442	99.5	3
10277	+0 3651	8.9	6 38.73	+3.0632+.0047	+0 25 1.4	- 4.626+.436	99.5	2
10278	+0 3654	6.5	7 47.80	+3.0620+.0047	+0 28 25.0	- 4.528+.437	99.5	2
10279	+0 3657	10	8 18.41	+3.0687+.0047	+0 10 35.8	- 4.485+.438	99.5	2
10280	-0 3248	9.2	9 17.90	+3.0862+.0047	-0 35 29.9	- 4.400+.441	99.4	2
10281	-0 3252	9.3	11 9.56	+3.0906+.0046	-0 46 58.1	- 4.241+.442	99.5	2
10282	-0 3256	9.1	11 42.01	+3.0819+.0046	-0 24 2.8	- 4.195+.441	99.4	2
10283	+0 3664	9.1	12 11.44	+3.0688+.0045	+0 10 20.2	- 4.153+.439	99.5	3
10284	-1 3309	9.0	12 55.60	+3.0995+.0046	-1 10 25.8	- 4.090+.444	99.5	3
10285	+0 3670	9.0	13 49.30	+3.0571+.0043	+0 41 7.0	- 4.013+.438	99.5	2
10286	-0 3263	9.1	13 54.90	+3.0841+.0044	-0 29 51.1	- 4.005+.442	99.4	2
10287	-0 3266	9.2	15 23.74	+3.0742+.0043	-0 3 45.4	- 3.878+.441	99.5	2
10288	-0 3268	8.9	15 56.34	+3.0831+.0044	-0 27 11.8	- 3.831+.443	99.4	2
10289	-1 3318	9.3	16 35.43	+3.1145+.0044	-1 49 20.0	- 3.775+.447	99.4	2
10290	-0 3271	9.0	17 33.63	+3.0829+.0043	-0 26 37.1	- 3.692+.443	99.4	2
10291	-1 3322	9.2	18 28.12	+3.1015+.0043	-1 15 10.7	- 3.614+.446	99.5	2
10292	-1 3323	9.2	18 31.48	+3.1014+.0043	-1 15 6.6	- 3.609+.446	99.5	2
10293	+0 3681	9.0	19 0.21	+3.0588+.0041	+0 36 14.5	- 3.568+.440	99.4	2
10294	-1 3327	9.1	20 22.85	+3.1145+.0042	-1 49 4.0	- 3.449+.449	99.5	2
10295	+0 3685	9.2	20 24.06	+3.0592+.0040	+0 35 20.5	- 3.447+.441	99.5	2
10296	-1 3329	6.3	20 46.41	+3.1087+.0042	-1 33 52.4	- 3.415+.448	99.6	2
10297	+0 3686	9.1	20 52.80	+3.0563+.0040	+0 42 50.8	- 3.406+.440	99.5	2
10298	+0 3689	10	21 25.62	+3.0733+.0040	-0 1 28.4	- 3.359+.443	99.5	2
10299	-1 3334	9.6	22 8.61	+3.1101+.0041	-1 37 19.9	- 3.297+.449	99.5	2
10300	-0 3287	9.7	17 22 8.94	+3.0765+.0040	-0 9 46.8	- 3.297+.444	99.5	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
I0301	-1 3338	9.4	17 22 58.70	+3.1049+.0040	-1 23 44.5	- 3.225+.448	99.5	2
I0302	+0 3697	5.2	23 43.56	+3.0632+.0038	+0 24 41.8	- 3.161+.442	99.5	2
I0303	+0 3700	9.3	24 9.60	+3.0724+.0039	+0 0 52.4	- 3.123+.444	99.5	2
I0304	-0 3298	9.0	24 55.67	+3.0948+.0039	-0 57 32.7	- 3.057+.447	99.5	2
I0305	-0 3300	5.3	25 14.93	+3.0953+.0039	-0 58 48.4	- 3.029+.447	99.5	2
I0306	-0 3299	9.0	25 15.42	+3.0806+.0038	-0 20 22.4	- 3.028+.445	99.5	2
I0307	+0 3703	9.0	25 33.41	+3.0588+.0037	+0 36 9.4	- 3.002+.442	99.5	2
I0308	+0 3709	7.0	26 50.48	+3.0700+.0037	+0 6 59.9	- 2.891+.444	99.5	2
I0309	+0 3711	9.3	26 54.21	+3.0528+.0036	+0 51 51.7	- 2.886+.442	99.5	2
I0310	+0 3712	9.3	27 31.34	+3.0616+.0036	+0 28 57.5	- 2.832+.443	99.5	2
I0311	-1 3358	8.0	29 17.20	+3.1118+.0037	-1 41 16.3	- 2.679+.451	99.5	2
I0312	-1 3360	9.1	29 19.55	+3.0978+.0036	-1 5 2.8	- 2.676+.449	99.5	2
I0313	+0 3726	9.1	31 5.12	+3.0613+.0034	+0 29 37.6	- 2.523+.444	99.5	2
I0314	-1 3366	9.0	31 45.42	+3.1145+.0036	-1 48 9.8	- 2.465+.452	99.5	2
I0315	+0 3731	9.3	32 26.78	+3.0539+.0034	+0 48 48.2	- 2.405+.443	99.5	2
I0316	-1 3367	9.0	32 31.29	+3.1093+.0035	-1 34 46.8	- 2.399+.451	99.5	2
I0317	+0 3736	9.1	32 56.49	+3.0567+.0033	+0 41 26.4	- 2.362+.443	99.5	2
I0318	-1 3370	9.3	33 23.96	+3.1027+.0034	-1 17 32.6	- 2.322+.450	99.5	2
I0319	-0 3330	9.3	33 41.96	+3.0947+.0034	-0 56 59.8	- 2.296+.449	99.6	2
I0320	+0 3742	9.1	33 50.92	+3.0582+.0033	+0 37 27.3	- 2.283+.444	99.5	2
I0321	+0 3744	8.7	34 16.90	+3.0569+.0033	+0 40 54.9	- 2.245+.444	99.5	2
I0322	+0 3746	9.0	34 36.15	+3.0650+.0033	+0 19 50.6	- 2.218+.445	99.5	2
I0323	+0 3747	9.3	34 39.79	+3.0526+.0032	+0 52 8.8	- 2.212+.443	99.5	2
I0324	-0 3338	6.7	34 48.94	+3.0863+.0033	-0 35 2.4	- 2.199+.448	99.6	2
I0325	-1 3374	9.2	35 21.84	+3.0997+.0033	-1 9 42.4	- 2.151+.450	99.5	2
I0326	+0 3754	9.6	36 22.85	+3.0704+.0032	+0 5 55.2	- 2.063+.446	99.5	2
I0327	-1 3379	9.3	36 32.40	+3.1154+.0033	-1 50 20.9	- 2.049+.452	99.5	2
I0328	+0 3761	9.3	38 21.80	+3.0651+.0031	+0 19 42.6	- 1.890+.446	99.5	2
I0329	-1 3387	9.2	40 0.40	+3.1062+.0030	-1 26 31.8	- 1.747+.452	99.5	2
I0330	-0 3353	9.1	40 11.68	+3.0818+.0030	-0 23 19.0	- 1.731+.448	99.5	2
I0331	+0 3765	9.4	40 11.74	+3.0526+.0029	+0 51 52.3	- 1.731+.444	99.5	2
I0332	-0 3355	9.2	40 31.26	+3.0923+.0030	-0 50 32.4	- 1.702+.450	99.5	2
I0333	-0 3359	9.1	41 58.82	+3.0960+.0029	-0 59 56.8	- 1.575+.451	99.5	2
I0334	-1 3397	9.0	43 6.52	+3.1088+.0029	-1 33 2.6	- 1.477+.452	99.5	2
I0335	+0 3779	8.8	43 14.98	+3.0589+.0028	+0 35 41.9	- 1.464+.445	99.5	2
I0336	+0 3784	9.1	44 13.06	+3.0650+.0027	+0 19 55.0	- 1.380+.446	99.5	2
I0337	-1 3402	9.1	44 16.09	+3.1050+.0028	-1 23 11.1	- 1.375+.452	99.6	2
I0338	-0 3365	9.0	44 31.00	+3.0898+.0028	-0 43 53.9	- 1.354+.450	99.5	2
I0339	-1 3403	9.2	44 42.35	+3.1097+.0028	-1 35 17.2	- 1.337+.453	99.5	2
I0340	-1 3407	9.2	45 39.35	+3.1048+.0027	-1 22 43.8	- 1.254+.452	99.4	2
I0341	-1 3412	6.4	46 49.27	+3.1009+.0026	-1 12 40.0	- 1.152+.452	99.5	2
I0342	-0 3377	9.4	48 8.18	+3.0953+.0026	-0 58 8.0	- 1.038+.451	99.5	2
I0343	-0 3382	9.0	49 57.17	+3.0776+.0024	-0 12 33.0	- 0.879+.448	99.5	2
I0344	-0 3384	9.2	50 26.33	+3.0826+.0024	-0 25 32.1	- 0.836+.449	99.5	2
I0345	Anon	9.7	50 32.22	+3.1066+.0024	-1 27 10.0	- 0.828+.453	99.6	2, 1
I0346	-1 3421	9.3	51 6.41	+3.1067+.0024	-1 27 26.1	- 0.778+.453	99.5	2
I0347	+0 3812	9.2	51 12.30	+3.0546+.0024	+0 46 40.5	- 0.769+.445	99.6	2
I0348	+0 3813	5.7	51 12.63	+3.0567+.0024	+0 41 7.6	- 0.769+.446	99.6	2
I0349	+0 3816	6.1	51 56.95	+3.0708+.0023	+0 4 48.7	- 0.704+.448	99.6	2
I0350	+0 3817	9.2	17 52 0.46	+3.0642+.0023	+0 21 57.3	- 0.699+.446	99.5	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	$^{\circ}$	M	h m s	s s	$^{\circ} ' "$	" "		
10351	+0 3822	9.2	17 52 35.79	+3.0663+.0023	+0 16 25.1	- 0.648+.447	99.5	2
10352	+0 3824	9.2	53 19.78	+3.0514+.0022	+0 54 48.9	- 0.584+.445	99.6	2
10353	-0 3392	9.2	53 27.87	+3.0836+.0022	-0 27 55.5	- 0.572+.449	99.5	2
10354	+0 3827	8.8	54 19.73	+3.0592+.0022	+0 34 48.4	- 0.496+.446	99.5	2
10355	-0 3398	9.2	54 31.55	+3.0840+.0022	-0 28 58.1	- 0.479+.449	99.5	2
10356	-1 3433	9.2	55 39.23	+3.1007+.0021	-1 11 59.7	- 0.380+.452	99.6	2
10357	+0 3838	9.6	57 2.71	+3.0693+.0020	+0 8 50.1	- 0.259+.447	99.5	2
10358	-0 3403	9.3	57 21.43	+3.0941+.0020	-0 55 1.7	- 0.231+.451	99.5	2
10359	-1 3436	9.1	57 38.38	+3.1075+.0020	-1 29 20.9	- 0.207+.453	99.5	2
10360	-0 3405	9.3	59 7.00	+3.0854+.0019	-0 32 43.2	- 0.077+.450	99.6	2
10361	+0 3848	9.7	17 59 38.15	+3.0532+.0019	+0 50 16.6	- 0.032+.445	99.5	2
10362	-0 3408	9.4	18 0 11.27	+3.0738+.0018	-0 2 45.8	+ 0.016+.448	99.5	2
10363	+0 3850	9.1	0 19.44	+3.0516+.0018	+0 54 18.7	+ 0.028+.445	99.5	2
10364	-1 3445	9.1	0 39.07	+3.0987+.0018	-1 6 41.3	+ 0.057+.452	99.6	2
10365	-0 3414	6.5	0 59.15	+3.0833+.0018	-0 27 16.2	+ 0.086+.450	99.6	2
10366	-1 3450	9.3	1 46.13	+3.1022+.0018	-1 15 55.0	+ 0.155+.452	99.5	2
10367	+0 3854	9.2	1 55.88	+3.0718+.0018	+0 2 19.2	+ 0.169+.448	99.5	2
10368	+0 3857	9.3	3 19.92	+3.0704+.0017	+0 6 0.3	+ 0.291+.447	99.5	2
10369	+0 3863	9.4	4 9.38	+3.0644+.0016	+0 21 29.0	+ 0.364+.446	99.5	2
10370	+0 3864	9.3	4 23.10	+3.0527+.0016	+0 51 28.6	+ 0.384+.445	99.5	2
10371	-0 3427	9.7	4 29.19	+3.0842+.0016	-0 29 26.1	+ 0.393+.449	99.5	2
10372	-0 3428	9.6	4 44.99	+3.0834+.0016	-0 27 21.8	+ 0.416+.449	99.6	2
10373	-1 3456	10	5 21.23	+3.1141+.0015	-1 46 26.1	+ 0.468+.453	99.5	2
10374	-0 3435	9.3	6 15.05	+3.0896+.0015	-0 43 18.9	+ 0.547+.450	99.5	2
10375	-1 3458	9.6	6 43.95	+3.0979+.0014	-1 4 42.6	+ 0.589+.451	99.5	2
10376	+0 3880	9.4	8 1.89	+3.0595+.0014	+0 33 56.4	+ 0.703+.445	99.6	2
10377	+0 3882	9.3	8 15.04	+3.0604+.0014	+0 31 43.6	+ 0.722+.445	99.6	2
10378	-0 3444	9.1	8 27.12	+3.0815+.0014	-0 22 37.0	+ 0.739+.448	99.5	2
10379	+0 3886	9.1	8 58.18	+3.0639+.0014	+0 22 42.1	+ 0.785+.446	99.5	2
10380	+0 3887	8.8	8 58.67	+3.0623+.0014	+0 26 55.8	+ 0.785+.446	99.6	2
10381	+0 3890	9.2	9 19.04	+3.0639+.0014	+0 22 42.1	+ 0.815+.446	99.5	3
10382	+0 3899	9.3	10 29.76	+3.0722+.0013	+0 1 13.7	+ 0.918+.447	99.6	2
10383	+0 3900	9.8	10 31.32	+3.0600+.0013	+0 32 46.7	+ 0.920+.445	99.6	2
10384	+0 3907	6.6	11 59.82	+3.0501+.0012	+0 58 16.1	+ 1.049+.444	99.6	2
10385	-1 3464	9.8	12 7.43	+3.1138+.0011	-1 45 49.0	+ 1.060+.453	99.5	2
10386	-0 3459	9.4	13 23.59	+3.0876+.0011	-0 38 13.8	+ 1.171+.449	99.6	2
10387	-1 3473	9.5	14 17.03	+3.1034+.0010	-1 18 54.0	+ 1.249+.451	99.6	2
10388	+0 3920	9.4	14 59.16	+3.0550+.0010	+0 45 45.1	+ 1.310+.444	99.6	2
10389	+0 3921	9.3	15 57.96	+3.0569+.0010	+0 40 48.7	+ 1.396+.444	99.5	2, 3
10390	-1 3475	9.2	16 25.16	+3.1095+.0009	-1 34 46.7	+ 1.435+.451	99.6	2
10391	-0 3467	9.2	16 48.72	+3.0754+.0009	-0 6 54.8	+ 1.470+.446	99.6	2
10392	+0 3925	9.3	17 21.08	+3.0672+.0009	+0 14 14.7	+ 1.517+.445	99.6	2
10393	-0 3471	9.0	17 22.19	+3.0801+.0009	-0 18 56.0	+ 1.518+.447	99.6	2
10394	-1 3479	9.0	17 52.29	+3.1125+.0008	-1 42 43.0	+ 1.562+.452	99.5	2, 3
10395	+0 3927	8.8	18 50.65	+3.0552+.0008	+0 45 20.2	+ 1.647+.443	99.6	2
10396	-1 3486	6.1	19 46.07	+3.1107+.0007	-1 38 0.5	+ 1.727+.451	99.6	4
10397	-1 3487	9.1	19 49.51	+3.1099+.0007	-1 36 0.2	+ 1.732+.451	99.6	2
10398	-0 3478	9.8	19 50.65	+3.0731+.0007	-0 1 4.1	+ 1.734+.446	99.5	2, 3
10399	-1 3489	9.0	20 7.55	+3.1038+.0006	-1 20 11.2	+ 1.759+.450	99.5	2
10400	-0 3481	9.2	18 20 33.96	+3.0929+.0007	-0 52 11.6	+ 1.797+.448	99.6	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
10401	+0 3931	6.9	18 20 57.62	+3.0559+.0007	+0 43 22.7	+ 1.831+.443	99.6	2
10402	+0 3934	9.1	21 56.38	+3.0720+.0006	+0 1 55.6	+ 1.917+.445	99.5	2
10403	Anon	9	22 5.31	+3.0695+.0006	+0 8 14.4	+ 1.930+.444	99.6	2
10404	+0 3936	5.3	22 5.53	+3.0696+.0006	+0 8 11.3	+ 1.930+.444	99.6	3, 4
10405	+0 3938	9.4	22 22.36	+3.0493+.0007	+1 0 34.3	+ 1.954+.441	99.6	2
10406	-1 3494	9.0	22 26.26	+3.1005+.0005	-1 11 42.0	+ 1.960+.449	99.5	2
10407	+0 3945	8.9	23 58.63	+3.0640+.0005	+0 22 33.3	+ 2.094+.443	99.5	2, 3
10408	+0 3950	9.3	25 1.75	+3.0555+.0005	+0 44 32.4	+ 2.186+.442	99.6	2
10409	+0 3951	9.3	25 21.37	+3.0578+.0005	+0 38 40.8	+ 2.214+.442	99.6	3
10410	-0 3498	9.2	25 42.97	+3.0839+.0004	-0 28 55.2	+ 2.245+.446	99.6	2
10411	-0 3501	7.0	26 13.45	+3.0855+.0004	-0 33 6.2	+ 2.289+.446	99.6	3
10412	-0 3503	9.3	26 21.49	+3.0887+.0004	-0 41 17.0	+ 2.301+.446	99.5	2
10413	-1 3504	5.8	26 47.16	+3.0976+.0003	-1 4 26.5	+ 2.338+.447	99.6	2
10414	+0 3959	9.1	27 26.42	+3.0605+.0004	+0 31 45.2	+ 2.395+.442	99.6	2
10415	-1 3507	9.2	27 36.19	+3.1026+.0002	-1 17 17.2	+ 2.409+.448	99.6	2
10416	+0 3961	9.3	27 48.69	+3.0606+.0003	+0 31 18.4	+ 2.427+.442	99.6	2
10417	-1 3510	9.2	28 3.09	+3.0959+.0002	-1 0 9.9	+ 2.448+.447	99.6	3
10418	-0 3507	9.4	28 50.21	+3.0845+.0002	-0 30 33.2	+ 2.516+.445	99.5	2
10419	-0 3511	9.7	29 39.39	+3.0829+.0002	-0 26 24.0	+ 2.588+.444	99.5	2
10420	+0 3971	9.3	29 55.59	+3.0589+.0002	+0 35 56.2	+ 2.611+.441	99.6	2
10421	-0 3514	9.3	30 17.46	+3.0735+.0002	-0 2 7.3	+ 2.643+.443	99.6	2
10422	-1 3521	8.8	31 3.88	+3.1055.0000	-1 25 5.0	+ 2.710+.447	99.5	2
10423	+0 3975	7.0	32 4.08	+3.0527+.0001	+0 51 59.7	+ 2.797+.439	99.6	2
10424	+0 3976	9.3	32 17.19	+3.0707+.0001	+0 5 10.6	+ 2.816+.442	99.6	2
10425	-0 3521	5.8	32 27.63	+3.0818.0000	-0 23 37.3	+ 2.831+.443	99.6	2
10426	-1 3526	8.9	32 46.53	+3.1167-.0001	-1 54 9.4	+ 2.858+.448	99.6	2
10427	-1 3527	9.2	32 53.76	+3.1147-.0001	-1 49 7.6	+ 2.868+.448	99.6	2
10428	+0 3981	9.2	33 0.11	+3.0495+.0001	+1 0 23.0	+ 2.878+.439	99.5	2
10429	-1 3529	6.5	33 9.23	+3.1004-.0001	-1 11 57.9	+ 2.891+.446	99.6	2
10430	-1 3531	8.8	33 57.41	+3.1001-.0001	-1 11 15.4	+ 2.960+.446	99.5	2
10431	-0 3530	9.5	35 35.54	+3.0852-.0002	-0 32 25.9	+ 3.102+.443	99.6	2
10432	-1 3539	8.4	36 4.76	+3.1170-.0003	-1 55 13.0	+ 3.144+.447	99.5	2
10433	-0 3531	9.4	36 9.11	+3.0797-.0002	-0 18 14.7	+ 3.150+.442	99.5	2
10434	Anon	9.6	36 14.99	+3.0785-.0002	-0 15 8.1	+ 3.158+.442	99.5	2
10435	+0 3992	9.9	36 21.56	+3.0690-.0002	+0 9 45.8	+ 3.168+.440	99.5	2
10436	-1 3542	9.3	36 56.21	+3.1049-.0003	-1 23 55.1	+ 3.218+.445	99.6	2
10437	-0 3534	9.5	36 56.28	+3.0862-.0002	-0 35 3.5	+ 3.218+.443	99.6	2
10438	+0 3996	9.1	37 19.19	+3.0595-.0002	+0 34 27.5	+ 3.251+.439	99.6	2
10439	+0 4001	9.4	37 52.20	+3.0616-.0002	+0 29 4.1	+ 3.298+.439	99.6	2
10440	-0 3541	9.4	39 22.24	+3.0775-.0004	-0 12 32.7	+ 3.428+.440	99.5	2
10441	-1 3554	9.3	39 22.77	+3.1139-.0005	-1 47 29.2	+ 3.428+.446	99.5	2
10442	+0 4006	9.2	39 34.75	+3.0584-.0003	+0 37 26.3	+ 3.445+.438	99.6	2
10443	-0 3542	9.1	39 46.52	+3.0850-.0004	-0 31 58.0	+ 3.463+.442	99.6	2
10444	+0 4009	9.3	40 18.67	+3.0714-.0004	+0 3 19.8	+ 3.509+.439	99.6	2
10445	+0 4015	9.2	41 10.40	+3.0542-.0003	+0 48 29.0	+ 3.583+.436	99.6	2
10446	-1 3559 <sup>1</sup>	5.7	41 18.75	+3.0972-.0005	-1 4 1.7	+ 3.595+.442	99.6	3
10447	-1 3559 <sup>2</sup>	7.4	41 19.53	+3.0973-.0005	-1 4 8.5	+ 3.596+.442	99.7	2
10448	+0 4017	9.2	41 20.05	+3.0557-.0004	+0 44 31.2	+ 3.597+.437	99.5	2
10449	-0 3551	9.2	41 20.98	+3.0865-.0005	-0 36 0.9	+ 3.598+.441	99.5	2
10450	-0 3557	9.5	18 42 42.19	+3.0730-.0005	-0 0 41.6	+ 3.715+.438	99.6	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	$^{\circ}$	M	h m s	s s	$^{\circ} ' ''$	" "		
10451	-1 3565	9.2	18 42 56.53	+3.0987-.0006	-1 7 53.1	+ 3.735+.442	99.6	2
10452	-1 3566	9.3	43 26.68	+3.1022-.0007	-1 17 14.5	+ 3.778+.442	99.5	2
10453	-0 3560	9.3	43 29.70	+3.0694-.0006	-0 8 49.7	+ 3.783+.439	99.5	2
10454	+0 4027	6.3	44 31.52	+3.0562-.0005	+0 43 22.6	+ 3.871+.435	99.6	5
10455	-1 3574	9.2	45 30.87	+3.1170-.0009	-1 56 12.0	+ 3.956+.444	99.5	2
10456	-0 3571	8.9	45 40.47	+3.0881-.0007	-0 40 27.6	+ 3.970+.440	99.5	2
10457	-0 3574	9.1	46 4.99	+3.0893-.0008	-0 43 36.9	+ 4.005+.440	99.6	2
10458	-1 3580	8.8	46 22.67	+3.1110-.0009	-1 40 24.8	+ 4.030+.442	99.6	2
10459	+0 4042	9.1	47 0.92	+3.0554-.0007	+0 45 26.3	+ 4.085+.434	99.6	2
10460	-0 3583	9.1	48 22.18	+3.0885-.0009	-0 41 34.8	+ 4.201+.438	99.5	2
10461	-0 3584	9.1	48 26.16	+3.0883-.0009	-0 40 59.0	+ 4.206+.438	99.5	2
10462	-1 3590	9.2	48 47.23	+3.1130-.0010	-1 45 48.3	+ 4.236+.442	99.5	2
10463	-0 3589	9.3	49 23.10	+3.0844-.0009	-0 30 46.1	+ 4.288+.438	99.6	2
10464	-0 3592	9.3	50 3.08	+3.0920-.0010	-0 50 39.0	+ 4.344+.438	99.6	2
10465	-1 3599	9.3	50 9.53	+3.1116-.0011	-1 42 29.3	+ 4.354+.441	99.6	2
10466	-1 3602	6.2	51 11.07	+3.1166-.0012	-1 55 43.6	+ 4.441+.441	99.5	2
10467	+0 4060	9.3	51 41.38	+3.0709-.0010	+0 4 54.0	+ 4.485+.434	99.6	2
10468	-1 3607	9.1	52 13.95	+3.0945-.0011	-0 57 36.2	+ 4.530+.438	99.6	2
10469	+0 4063	9.2	52 26.76	+3.0628-.0010	+0 26 10.9	+ 4.549+.433	99.6	2
10470	+0 4064	9.1	52 27.08	+3.0654-.0010	+0 19 23.1	+ 4.549+.433	99.6	2
10471	-1 3608	9.3	52 35.59	+3.1026-.0012	-1 19 2.5	+ 4.561+.438	99.6	2
10472	-1 3611	9.2	53 35.70	+3.0990-.0012	-1 9 32.9	+ 4.646+.437	99.5	2
10473	-0 3618	9.3	54 4.80	+3.0752-.0011	-0 6 34.7	+ 4.688+.434	99.5	2
10474	+0 4076	9.1	55 10.42	+3.0569-.0011	+0 41 51.5	+ 4.781+.431	99.6	2
10475	-1 3620	9.1	55 33.46	+3.1157-.0014	-1 53 49.1	+ 4.813+.439	99.6	2
10476	-0 3628	9.3	56 32.09	+3.0791-.0012	-0 16 49.8	+ 4.896+.433	99.5	2
10477	-0 3629	9.4	56 35.62	+3.0790-.0012	-0 16 38.4	+ 4.901+.433	99.6	2
10478	+0 4082	8.7	56 55.32	+3.0602-.0012	+0 33 17.4	+ 4.929+.430	99.5	2
10479	+0 4087	9.1	57 42.62	+3.0642-.0012	+0 22 38.2	+ 4.996+.430	99.6	2
10480	-1 3629	9.0	58 7.80	+3.0964-.0014	-1 2 51.9	+ 5.031+.435	99.6	2
10481	+0 4089	9.0	58 26.98	+3.0691-.0013	+0 9 40.7	+ 5.059+.431	99.6	2
10482	-1 3633	9.7	18 58 46.14	+3.1021-.0015	-1 18 10.0	+ 5.086+.435	99.5	2
10483	-1 3642	6.4	19 0 7.73	+3.1102-.0016	-1 39 46.8	+ 5.201+.436	99.5	2
10484	-1 3646	9.2	0 57.81	+3.1153-.0017	-1 53 22.8	+ 5.271+.436	99.6	2
10485	-1 3647	8.8	1 1.10	+3.0989-.0016	-1 9 47.6	+ 5.276+.434	99.6	2
10486	Anon	9.5	1 24.27	+3.1064-.0017	-1 29 43.6	+ 5.308+.434	99.6	2
10487	-1 3649	6.7	1 24.52	+3.1065-.0017	-1 29 57.5	+ 5.309+.434	99.6	2
10488	-0 3653	9.3	2 1.90	+3.0912-.0016	-0 49 12.0	+ 5.361+.432	99.6	2
10489	+0 4106	6.4	2 2.96	+3.0618-.0014	+0 29 10.9	+ 5.363+.428	99.6	3
10490	-1 3659	9.1	2 27.67	+3.1154-.0018	-1 53 47.9	+ 5.397+.435	99.5	2
10491	+0 4112	9.0	3 1.56	+3.0703-.0015	+0 6 32.3	+ 5.445+.428	99.5	2
10492	-1 3666	9.1	3 35.70	+3.1063-.0018	-1 29 44.1	+ 5.493+.433	99.5	2
10493	-0 3659	9.4	3 55.88	+3.0800-.0016	-0 19 37.2	+ 5.521+.429	99.6	2
10494	-0 3660	9.0	4 41.82	+3.0828-.0017	-0 26 52.2	+ 5.586+.429	99.5	2
10495	-0 3662	6.4	4 43.07	+3.0859-.0017	-0 35 20.9	+ 5.587+.430	99.6	5
10496	+0 4124	9.0	5 27.12	+3.0609-.0016	+0 31 36.4	+ 5.649+.426	99.5	2
10497	-0 3669	9.0	5 59.13	+3.0907-.0018	-0 48 14.6	+ 5.694+.430	99.6	2
10498	-0 3670	9.1	6 0.58	+3.0822-.0017	-0 25 19.9	+ 5.696+.428	99.5	2
10499	-0 3673	9.3	7 6.11	+3.0900-.0018	-0 46 19.4	+ 5.787+.429	99.6	2
10500	-0 3676	9.1	19 8 14.00	+3.0895-.0019	-0 45 6.6	+ 5.882+.428	99.6	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
10501	-1 3682	9.3	19 8 55.40	+3.1145-.0021	-1 52 34.4	+ 5.940+.431	99.6	2
10502	+0 4147	9.2	9 13.25	+3.0698-.0018	+0 7 45.5	+ 5.965+.425	99.6	2
10503	-1 3689	9.4	9 56.21	+3.1129-.0022	-1 48 18.4	+ 6.024+.430	99.6	2
10504	-1 3690	9.3	10 9.84	+3.1100-.0022	-1 40 27.1	+ 6.043+.430	99.6	2
10505	+0 4151	9.3	10 14.97	+3.0581-.0018	+0 39 20.8	+ 6.051+.422	99.6	2
10506	-0 3683	9.2	10 47.20	+3.0870-.0020	-0 38 40.3	+ 6.095+.426	99.5	2
10507	-1 3697	9.0	11 59.77	+3.1120-.0023	-1 46 11.8	+ 6.196+.429	99.5	2
10508	-1 3698	8.8	12 15.04	+3.0963-.0022	-1 3 42.4	+ 6.217+.426	99.6	2
10509	+0 4164	9.2	12 39.82	+3.0632-.0019	+0 25 53.1	+ 6.252+.422	99.6	2
10510	-1 3704	9.4	13 10.42	+3.0995-.0022	-1 12 33.7	+ 6.294+.426	99.5	2
10511	+0 4166	6.7	13 24.43	+3.0674-.0020	+0 14 28.8	+ 6.313+.423	99.6	2
10512	+0 4168	5.3	13 27.21	+3.0527-.0019	+0 54 11.9	+ 6.317+.419	99.6	2
10513	+0 4170	6.5	13 43.98	+3.0692-.0020	+0 9 23.9	+ 6.340+.422	99.6	2
10514	-0 3706	9.4	14 46.63	+3.0714-.0021	+0 3 35.2	+ 6.427+.421	99.5	2
10515	-1 3715	6.6	15 16.12	+3.1058-.0024	-1 29 47.9	+ 6.468+.426	99.6	2
10516	+0 4176	9.3	15 16.16	+3.0647-.0020	+0 21 41.3	+ 6.468+.420	99.6	2
10517	-1 3716	5.5	15 26.10	+3.0965-.0023	-1 4 41.4	+ 6.482+.424	99.6	4
10518	-0 3716	9.3	16 15.59	+3.0770-.0022	-0 11 34.1	+ 6.550+.421	99.6	2
10519	-0 3722	9.5	16 51.19	+3.0794-.0022	-0 18 14.9	+ 6.599+.421	99.5	2
10520	-0 3725	6.0	17 12.99	+3.0824-.0023	-0 26 30.0	+ 6.629+.421	99.6	3
10521	+0 4188	9.2	17 24.85	+3.0547-.0021	+0 49 9.0	+ 6.645+.417	99.6	2
10522	-0 3733	9.2	19 3.76	+3.0738-.0023	-0 2 59.0	+ 6.781+.419	99.6	2
10523	-1 3732	9.4	19 9.32	+3.1078-.0026	-1 35 53.7	+ 6.789+.424	99.6	2
10524	-0 3734*	9.3	19 34.82	+3.0815-.0024	-0 23 59.3	+ 6.824+.420	99.5	2
10525	-0 3736	9.2	20 13.23	+3.0817-.0024	-0 24 33.4	+ 6.876+.419	99.6	2
10526	+0 4200	9.3	20 56.44	+3.0667-.0023	+0 16 28.0	+ 6.936+.416	99.6	2
10527	-0 3739	9.1	20 57.96	+3.0851-.0025	-0 33 56.1	+ 6.938+.419	99.6	2
10528	-0 3740	9.4	21 0.80	+3.0916-.0025	-0 51 52.2	+ 6.941+.420	99.7	2
10529	+0 4206	4.9	21 24.27	+3.0697-.0024	+0 8 20.6	+ 6.974+.417	99.6	2
10530	-0 3743	9.0	21 43.20	+3.0889-.0025	-0 44 23.2	+ 6.999+.419	99.6	2
10531	-0 3748	8.8	22 44.06	+3.0790-.0025	-0 17 15.2	+ 7.082+.417	99.6	2
10532	+0 4212	9.2	22 55.00	+3.0663-.0024	+0 17 34.7	+ 7.098+.415	99.6	2
10533	-0 3749	9.0	22 56.61	+3.0889-.0026	-0 44 31.5	+ 7.100+.418	99.6	2
10534	-0 3754	9.7	23 27.36	+3.0720-.0025	+0 1 53.3	+ 7.141+.415	99.7	2
10535	+0 4219	9.1	23 33.04	+3.0586-.0024	+0 39 1.4	+ 7.149+.413	99.6	2
10536	-0 3755	9.0	23 33.41	+3.0906-.0026	-0 49 20.6	+ 7.150+.418	99.5	2
10537	-0 3760	6.5	24 10.90	+3.0718-.0025	+0 2 26.5	+ 7.201+.415	99.7	2
10538	-1 3754	9.2	24 30.46	+3.0994-.0028	-1 13 29.1	+ 7.227+.418	99.6	2
10539	+0 4226	9.2	24 59.67	+3.0544-.0024	+0 50 32.2	+ 7.267+.412	99.6	2
10540	-1 3757	9.2	25 24.07	+3.1023-.0028	-1 21 41.8	+ 7.300+.418	99.6	2
10541	-1 3758	9.3	25 34.56	+3.1106-.0029	-1 44 26.1	+ 7.314+.419	99.5	2
10542	-0 3766	9.2	26 32.55	+3.0817-.0027	-0 24 50.6	+ 7.393+.414	99.6	2
10543	+0 4238	9.4	27 14.65	+3.0499-.0024	+1 3 10.7	+ 7.450+.410	99.6	2
10544	+0 4239	9.5	27 22.80	+3.0500-.0024	+1 3 5.8	+ 7.461+.409	99.6	2
10545	-0 3772	9.2	28 21.89	+3.0752-.0027	-0 6 45.2	+ 7.541+.412	99.6	2
10546	-1 3773	9.3	29 6.11	+3.0934-.0029	-0 57 28.1	+ 7.601+.414	99.6	2
10547	+0 4247*	9.3	29 12.25	+3.0668-.0027	+0 16 31.3	+ 7.609+.410	99.6	2
10548	-0 3782	9.1	29 47.05	+3.0751-.0028	-0 6 39.2	+ 7.656+.411	99.6	2
10549	-1 3779	9.2	30 44.17	+3.1120-.0032	-1 49 34.7	+ 7.733+.415	99.6	2
10550	-0 3792	9.1	19 31 10.95	+3.0840-.0029	-0 31 24.8	+ 7.769+.411	99.6	2

10524 9<sup>m</sup>4 35" 30."10547 12<sup>h</sup>33 12<sup>m</sup>16."



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
10551	-1 3782	4.3	19 31 32.90	+3.1052-.0031	-1 30 30.4	+ 7.799+.414	99.6	3
10552	-1 3784	9.2	31 36.52	+3.1126-.0032	-1 51 13.1	+ 7.803+.415	99.6	2
10553	+0 4259	9.2	31 58.17	+3.0641-.0027	+0 24 8.3	+ 7.833+.408	99.6	2
10554	-0 3802	9.1	32 30.16	+3.0904-.0030	-0 49 26.4	+ 7.875+.411	99.6	2
10555	-1 3791	8.9	32 33.88	+3.0938-.0030	-0 59 1.6	+ 7.880+.411	99.6	2
10556	-1 3794	9.3	33 10.52	+3.1051-.0032	-1 30 35.3	+ 7.930+.412	99.6	2
10557	+0 4265	7.4	33 14.67	+3.0702-.0028	+0 7 8.3	+ 7.935+.408	99.7	2, 1
10558	-1 3797	9.2	33 25.84	+3.1046-.0032	-1 29 21.2	+ 7.950+.412	99.6	2
10559	-0 3807	9.4	34 4.07	+3.0880-.0030	-0 42 58.0	+ 8.001+.409	99.6	2
10560	-1 3799*	9.1	34 11.42	+3.1053-.0032	-1 31 15.5	+ 8.011+.412	99.6	2
10561	-0 3809	9.1	34 33.60	+3.0789-.0030	-0 17 18.3	+ 8.041+.408	99.6	2
10562	-1 3802	9.2	34 35.36	+3.1103-.0033	-1 45 27.2	+ 8.043+.412	99.6	2
10563	-0 3813	5.5	35 34.22	+3.0909-.0031	-0 51 10.3	+ 8.122+.408	99.6	2
10564	-1 3805	9.1	35 39.07	+3.1013-.0032	-1 20 17.0	+ 8.128+.410	99.6	2
10565	+0 4274	9.2	36 41.82	+3.0689-.0030	+0 10 53.4	+ 8.212+.404	99.6	2
10566	-0 3821	9.3	37 17.34	+3.0859-.0032	-0 37 18.3	+ 8.259+.406	99.6	2
10567	-0 3822	9.4	37 33.06	+3.0900-.0032	-0 48 44.3	+ 8.280+.407	99.6	2
10568	-0 3824	9.2	37 37.18	+3.0902-.0032	-0 49 20.9	+ 8.285+.407	99.6	2
10569	+0 4284	9.4	37 47.80	+3.0512-.0028	+1 0 49.6	+ 8.299+.401	99.6	2
10570	+0 4286	9.2	37 58.09	+3.0510-.0028	+1 1 19.6	+ 8.313+.401	99.6	2
10571	+0 4287	9.5	38 3.22	+3.0506-.0028	+1 2 23.5	+ 8.320+.401	99.6	2
10572	+0 4288	9.3	38 7.52	+3.0505-.0028	+1 2 50.7	+ 8.325+.401	99.6	2
10573	+0 4291	9.1	38 46.67	+3.0604-.0030	+0 34 47.6	+ 8.377+.402	99.6	2
10574	-0 3831	9.1	38 47.42	+3.0899-.0032	-0 48 33.5	+ 8.378+.406	99.6	2
10575	+0 4298	9.2	39 31.67	+3.0678-.0030	+0 14 4.2	+ 8.437+.402	99.7	2
10576	-1 3817	8.8	40 2.22	+3.1024-.0034	-1 24 14.9	+ 8.477+.406	99.6	2
10577	-1 3820	9.0	40 24.86	+3.0926-.0033	-0 56 22.7	+ 8.507+.404	99.6	2
10578	-0 3836	9.4	40 25.59	+3.0916-.0033	-0 53 33.9	+ 8.508+.404	99.6	2
10579	-1 3825	9.3	41 30.28	+3.0917-.0034	-0 53 54.8	+ 8.593+.404	99.6	2
10580	-0 3841	9.3	41 49.04	+3.0736-.0032	-0 2 28.7	+ 8.618+.401	99.6	2
10581	+0 4314	6.8	42 28.25	+3.0549-.0030	+0 50 55.3	+ 8.670+.398	99.7	2
10582	Anon	9.5	42 28.26	+3.0952-.0035	-1 4 10.6	+ 8.670+.403	99.6	2
10583	-0 3842	9.2	42 36.69	+3.0732-.0032	-0 1 27.0	+ 8.681+.400	99.5	2
10584	-0 3848	9.0	44 10.32	+3.0776-.0033	-0 13 54.2	+ 8.804+.399	99.6	2
10585	+0 4324	9.3	44 50.76	+3.0636-.0032	+0 26 11.1	+ 8.857+.397	99.6	2
10586	+0 4325	9.2	44 56.62	+3.0682-.0032	+0 12 54.0	+ 8.864+.397	99.5	2
10587	-0 3853	9.3	45 4.24	+3.0890-.0035	-0 46 35.3	+ 8.874+.400	99.6	2
10588	-1 3838	9.2	45 25.96	+3.0920-.0035	-0 55 21.1	+ 8.903+.400	99.7	2
10589	+0 4330	9.3	45 44.81	+3.0509-.0031	+1 2 46.6	+ 8.927+.394	99.7	2
10590	-1 3841*	9.2	46 11.65	+3.1102-.0038	-1 47 40.9	+ 8.962+.402	99.6	2
10591	+0 4332	9.2	46 22.97	+3.0683-.0033	+0 12 36.4	+ 8.977+.396	99.6	2
10592	+0 4336	9.2	47 13.96	+3.0580-.0032	+0 42 16.2	+ 9.044+.394	99.5	2
10593	-1 3853	9.2	49 11.65	+3.0927-.0037	-0 57 38.0	+ 9.196+.397	99.6	2
10594	-0 3871	5.6	49 37.46	+3.0725-.0034	+0 0 43.8	+ 9.230+.394	99.6	2
10595	-0 3875	9.4	50 4.65	+3.0737-.0035	-0 2 54.2	+ 9.265+.393	99.6	2
10596	-0 3874	8.5	50 4.97	+3.0871-.0036	-0 41 47.9	+ 9.265+.395	99.6	2
10597	+0 4354	9.1	51 13.52	+3.0692-.0035	+0 10 6.0	+ 9.354+.392	99.6	2
10598	+0 4356	9.4	51 19.97	+3.0576-.0033	+0 43 48.9	+ 9.362+.390	99.6	2
10599	+0 4359	9.3	51 25.90	+3.0613-.0034	+0 33 15.3	+ 9.370+.390	99.6	2
10600	-0 3881	6.9	19 52 6.18	+3.0710-.0035	+0 5 5.5	+ 9.422+.391	99.6	2

10560 Mean, 9<sup>m</sup>3 and 9<sup>m</sup>5.10590 42<sup>o</sup> 39<sup>o</sup>8.



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
	°	M	h	m	s	s	s	°	'	"	"	"		
10601	-0 3884	9.3	19	52	47.65	+3.0753-	.0036	-0	7	37.7	+ 9.475+	.391	99.6	2
10602	-1 3870	9.0		53	13.45	+3.0956-	.0038	-1	6	54.1	+ 9.508+	.393	99.7	2
10603	-1 3872	9.4		53	20.29	+3.1102-	.0040	-1	49	31.8	+ 9.517+	.395	99.6	2
10604	+0 4368	9.2		53	21.48	+3.0625-	.0034	+0	29	48.9	+ 9.519+	.389	99.6	2
10605	-0 3889	9.1		53	46.45	+3.0748-	.0036	-0	5	56.7	+ 9.551+	.390	99.6	2
10606	+0 4375	6.4		54	17.67	+3.0501-	.0033	+1	6	14.8	+ 9.591+	.386	99.7	2
10607	-0 3893	9.6		54	34.56	+3.0745-	.0036	-0	5	7.3	+ 9.612+	.389	99.6	2
10608	-0 3896	9.3		55	28.28	+3.0823-	.0038	-0	28	15.5	+ 9.681+	.389	99.6	2
10609	-1 3882	9.5		56	36.55	+3.1058-	.0041	-1	37	23.0	+ 9.768+	.391	99.6	2
10610	-0 3902	9.5		57	39.70	+3.0860-	.0039	-0	39	13.5	+ 9.848+	.388	99.6	2
10611	+0 4395	9.2		57	41.96	+3.0538-	.0035	+0	55	42.0	+ 9.851+	.383	99.6	2
10612	Anon	9.4		57	47.76	+3.0860-	.0039	-0	39	15.0	+ 9.859+	.388	99.6	2
10613	-1 3886	9.4		58	35.46	+3.0909-	.0040	-0	53	51.8	+ 9.919+	.387	99.6	2
10614	-1 3887	5.8		59	14.10	+3.0927-	.0040	-0	59	18.2	+ 9.968+	.387	99.6	2
10615	+0 4407	9.2		59	36.69	+3.0668-	.0037	+0	17	35.7	+ 9.997+	.383	99.6	2
10616	-0 3904	9.1	19	59	37.65	+3.0752-	.0038	-0	7	23.5	+ 9.998+	.384	99.6	2
10617	+0 4411	6.9	20	0	13.59	+3.0693-	.0037	+0	10	13.9	+10.043+	.383	99.6	2
10618	-1 3890	9.3		0	43.17	+3.0963-	.0041	-1	10	5.2	+10.080+	.386	99.6	2
10619	-0 3908	9.6		0	52.78	+3.0752-	.0038	-0	7	19.8	+10.093+	.383	99.6	2
10620	-1 3891	9.1		0	55.09	+3.0967-	.0041	-1	11	29.0	+10.095+	.386	99.6	2
10621	-1 3892	9.4		1	13.99	+3.0963-	.0041	-1	10	7.3	+10.119+	.385	99.7	2
10622	-0 3912	9.2		1	49.25	+3.0790-	.0039	-0	18	48.2	+10.164+	.382	99.6	2
10623	+0 4425	9.2		2	29.21	+3.0501-	.0035	+1	7	43.7	+10.214+	.378	99.7	2
10624	-1 3899	6.0		2	52.04	+3.0921-	.0041	-0	57	58.6	+10.243+	.383	99.7	2
10625	-0 3918	9.6		3	3.29	+3.0834-	.0040	-0	32	0.5	+10.257+	.382	99.6	2
10626	+0 4429	9.4		3	18.61	+3.0558-	.0036	+0	50	48.3	+10.276+	.378	99.6	2
10627	-0 3930	9.4		4	37.67	+3.0818-	.0040	-0	27	18.7	+10.375+	.380	99.6	2
10628	Anon	10		5	20.51	+3.0767-	.0040	-0	11	58.6	+10.428+	.378	99.7	1
10629	-0 3933	10		5	21.75	+3.0763-	.0040	-0	10	54.5	+10.430+	.378	99.7	2
10630	-0 3934	9.3		5	51.98	+3.0755-	.0040	-0	8	18.9	+10.467+	.378	99.6	2
10631	-0 3936	9.2		6	9.67	+3.0764-	.0040	-0	10	59.1	+10.489+	.378	99.7	2
10632	+0 4444 <sup>1</sup>	7.1		7	29.02	+3.0615-	.0038	+0	34	2.7	+10.588+	.374	99.6	2
10633	+0 4444 <sup>2</sup>	6.8		7	29.13	+3.0615-	.0038	+0	34	6.0	+10.588+	.374	99.6	2
10634	-1 3920	5.6		8	4.07	+3.0986-	.0044	-1	18	32.3	+10.631+	.378	99.6	2
10635	-1 3924	9.2		8	46.04	+3.0919-	.0043	-0	58	19.9	+10.683+	.377	99.6	2
10636	+0 4449	9.5		9	10.66	+3.0530-	.0037	+0	59	57.9	+10.713+	.372	99.7	2
10637	-1 3928	9.4		9	18.16	+3.0946-	.0043	-1	6	34.0	+10.722+	.377	99.7	2
10638	+0 4451	9.4		9	22.54	+3.0604-	.0038	+0	37	23.8	+10.728+	.372	99.6	2
10639	-1 3930	9.1		9	23.88	+3.1036-	.0045	-1	33	58.6	+10.729+	.378	99.7	2
10640	+0 4458	9.3	10	53	37	+3.0571-	.0038	+0	47	46.0	+10.840+	.370	99.6	2
10641	+0 4459	9.3	11	5	66	+3.0682-	.0040	+0	13	44.4	+10.855+	.372	99.6	2
10642	-0 3959	9.2	11	16	85	+3.0809-	.0042	-0	25	2.7	+10.868+	.373	99.6	2
10643	+0 4461	9.4	11	25	09	+3.0686-	.0040	+0	12	27.0	+10.878+	.371	99.7	2
10644	-0 3960	9.2	11	43	83	+3.0873-	.0043	-0	44	34.6	+10.901+	.373	99.6	2
10645	Anon	9.4	11	48	14	+3.0950-	.0044	-1	8	10.2	+10.907+	.374	99.6	1
10646	Anon	9.4	13	10	62	+3.0784-	.0042	-0	17	24.1	+11.007+	.370	99.6	2
10647	-0 3965	9.3	13	13	00	+3.0783-	.0042	-0	17	17.3	+11.010+	.370	99.6	2
10648	-0 3966	9.2	13	20	67	+3.0864-	.0043	-0	42	3.1	+11.020+	.371	99.6	2
10649	-0 3967	9.4	13	38	82	+3.0802-	.0042	-0	23	5.0	+11.042+	.370	99.7	2
10650	-0 3968	9.4	20	13	52.80	+3.0786-	.0042	-0	18	15.4	+11.059+	.370	99.6	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.			Prec. and Sec. Var.		Epoch.	No. Obs.
	°	M	h	m	s	s	s	°	'	"	"	"		
10651	-1 3951	6.2	20	14	33.23	+3.0998-	.0045	-1	23	35.6	+11.108+	.371	99.7	2
10652	+0 4478	9.3		14	33.71	+3.0653-	.0040	+0	22	53.7	+11.108+	.367	99.6	1
10653	-0 3969*	9.1		14	39.34	+3.0845-	.0043	-0	36	14.7	+11.115+	.369	99.6	1
10654	-0 3976	9.4		15	27.15	+3.0887-	.0044	-0	49	25.1	+11.173+	.369	99.6	2
10655	-1 3960	9.2		15	43.10	+3.0944-	.0045	-1	7	9.8	+11.192+	.369	99.6	2
10656	+0 4486	9.2		16	20.08	+3.0619-	.0040	+0	33	29.4	+11.237+	.365	99.6	2
10657	-1 3962	9.3		16	31.89	+3.0969-	.0045	-1	14	58.8	+11.251+	.369	99.7	2
10658	-0 3979	9.2		16	38.03	+3.0802-	.0043	-0	23	16.7	+11.259+	.367	99.6	2
10659	-0 3980	9.3		16	43.43	+3.0790-	.0043	-0	19	30.4	+11.265+	.366	99.7	2
10660	-0 3984	9.2		17	27.92	+3.0702-	.0042	+0	7	59.6	+11.319+	.364	99.7	2
10661	-0 3985	9.2		17	33.05	+3.0845-	.0044	-0	36	49.3	+11.325+	.366	99.6	2
10662	-1 3969	9.2		18	33.56	+3.0903-	.0045	-0	54	55.3	+11.398+	.366	99.6	2
10663	-1 3973	9.3		19	8.49	+3.0944-	.0046	-1	7	48.6	+11.440+	.366	99.6	2
10664	-0 3996	9.4		19	30.17	+3.0725-	.0042	+0	0	37.0	+11.466+	.363	99.7	2
10665	+0 4495	6.1		19	31.80	+3.0585-	.0040	+0	44	40.6	+11.468+	.361	99.6	2
10666	+0 4496	6.8		19	36.59	+3.0527-	.0039	+1	2	42.9	+11.473+	.360	99.6	2
10667	-1 3978	9.4		20	30.83	+3.1064-	.0048	-1	46	2.8	+11.538+	.365	99.7	2
10668	+0 4503	9.2		21	2.53	+3.0667-	.0042	+0	18	52.9	+11.576+	.360	99.6	2
10669	-0 4004	9.2		21	33.88	+3.0804-	.0044	-0	24	8.3	+11.613+	.361	99.6	2
10670	+0 4509	9.2		22	21.39	+3.0532-	.0040	+1	1	35.8	+11.670+	.357	99.6	2
10671	+0 4514	9.3		23	26.20	+3.0560-	.0040	+0	52	52.9	+11.746+	.356	99.6	2
10672	-0 4017	9.2		23	53.29	+3.0788-	.0044	-0	19	24.9	+11.778+	.358	99.6	2
10673	Anon	9.6		24	9.97	+3.1005-	.0048	-1	28	21.7	+11.798+	.360	99.7	2
10674	-1 3987	9.3		24	10.35	+3.1007-	.0048	-1	29	5.8	+11.798+	.360	99.7	2
10675	-0 4018	9.4		24	28.61	+3.0786-	.0044	-0	18	35.0	+11.820+	.357	99.6	2
10676	-0 4020	9.3		24	45.00	+3.0844-	.0045	-0	37	17.6	+11.839+	.358	99.6	2
10677	-0 4022	9.2		25	9.49	+3.0780-	.0044	-0	16	43.9	+11.868+	.356	99.7	2
10678	+0 4522	9.5		25	35.60	+3.0661-	.0042	+0	21	8.4	+11.899+	.354	99.6	2
10679	+0 4524	9.1		26	16.73	+3.0640-	.0042	+0	27	47.6	+11.947+	.353	99.6	2
10680	+0 4527	9.3		26	53.66	+3.0535-	.0040	+1	1	32.8	+11.990+	.352	99.6	2
10681	+0 4528	9.3		26	58.54	+3.0530-	.0040	+1	3	25.4	+11.996+	.351	99.6	2
10682	+0 4529	9.0		27	9.03	+3.0673-	.0043	+0	17	26.1	+12.008+	.353	99.6	2
10683	-1 3993	9.1		27	46.79	+3.0998-	.0048	-1	26	56.7	+12.052+	.356	99.6	2
10684	-1 3994	9.2		28	8.46	+3.0940-	.0048	-1	8	32.3	+12.077+	.355	99.7	3
10685	-1 3995	9.3		28	17.56	+3.1054-	.0050	-1	45	18.6	+12.088+	.356	99.7	2
10686	+0 4537	9.1		28	33.23	+3.0650-	.0043	+0	25	0.2	+12.106+	.351	99.6	2
10687	-0 4042	9.2		29	14.24	+3.0727-	.0044	+0	0	11.6	+12.154+	.351	99.6	2
10688	Anon	9.3		29	29.50	+3.0997-	.0049	-1	27	24.2	+12.172+	.354	99.6	2
10689	-1 3999	9.2		29	33.19	+3.1001-	.0049	-1	28	34.3	+12.176+	.354	99.6	2
10690	+0 4543	9.2		30	4.12	+3.0544-	.0041	+0	59	31.0	+12.212+	.348	99.6	2
10691	+0 4545	9.1		30	26.61	+3.0656-	.0043	+0	23	14.7	+12.238+	.349	99.6	2
10692	+0 4546	9.3		30	31.74	+3.0654-	.0043	+0	23	53.7	+12.244+	.348	99.6	2
10693	-0 4049	9.2		30	38.57	+3.0730-	.0044	-0	0	4.9	+12.251+	.349	99.6	2
10694	+0 4549	9.0		31	24.91	+3.0661-	.0043	+0	21	30.9	+12.305+	.348	99.7	2
10695	Anon	9.3		31	50.47	+3.0664-	.0043	+0	20	40.2	+12.334+	.347	99.6	2
10696	-0 4056	6.2		32	10.82	+3.0773-	.0045	-0	15	2.4	+12.358+	.348	99.6	2
10697	+0 4555	9.3		32	48.28	+3.0537-	.0041	+1	2	13.2	+12.401+	.344	99.6	2
10698	-1 4016	4.5		33	10.48	+3.0994-	.0049	-1	27	16.5	+12.426+	.349	99.7	2
10699	-1 4017	9.4		33	19.90	+3.1042-	.0050	-1	43	7.2	+12.437+	.350	99.6	2
10700	-0 4061	9.0	20	33	58.09	+3.0855-	.0047	-0	42	7.2	+12.480+	.347	99.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
10701	-0 4064	5.4	20 34 17.38	+3.0703-.0044	+0 8 4.3	+12.503+.344	99.6	2
10702	+0 4568	9.2	35 39.36	+3.0656-.0044	+0 23 31.4	+12.596+.342	99.6	2
10703	-0 4067	9.2	36 13.69	+3.0876-.0048	-0 49 9.6	+12.635+.344	99.6	2
10704	-0 4069	9.1	36 28.06	+3.0742-.0045	-0 4 50.2	+12.651+.342	99.7	2
10705	-0 4070	9.5	36 28.76	+3.0731-.0045	-0 1 12.3	+12.652+.342	99.6	2
10706	-1 4031	9.4	37 1.80	+3.1048-.0051	-1 46 38.0	+12.689+.345	99.6	2
10707	+0 4574	9.3	37 31.43	+3.0560-.0042	+0 55 37.5	+12.723+.339	99.6	2
10708	-1 4034	9.3	37 35.93	+3.1051-.0051	-1 47 46.8	+12.728+.344	99.6	2
10709	-0 4077	9.2	38 36.78	+3.0740-.0045	-0 4 24.3	+12.796+.340	99.6	2
10710	+0 4577	9.5	38 55.09	+3.0666-.0044	+0 20 29.9	+12.817+.338	99.6	2
10711	+0 4578	9.1	38 57.54	+3.0660-.0044	+0 22 28.0	+12.819+.338	99.7	2
10712	-0 4082	9.2	39 41.78	+3.0726-.0045	+0 0 32.0	+12.869+.338	99.6	2
10713	+0 4580	9.2	40 1.39	+3.0648-.0044	+0 26 28.7	+12.891+.337	99.6	2
10714	+0 4581	8.8	40 6.95	+3.0556-.0042	+0 57 39.5	+12.897+.336	99.7	2
10715	-1 4044	9.1	40 15.38	+3.0936-.0050	-1 10 2.8	+12.906+.340	99.7	2
10716	-0 4089	6.9	40 52.89	+3.0853-.0048	-0 42 16.4	+12.948+.338	99.6	2
10717	+0 4584	9.1	41 6.51	+3.0616-.0043	+0 37 35.7	+12.963+.335	99.6	2
10718	+0 4585	9.1	41 19.41	+3.0667-.0044	+0 20 12.5	+12.978+.335	99.6	2
10719	+0 4586	9.4	41 20.38	+3.0571-.0042	+0 52 38.7	+12.979+.334	99.7	2
10720	-1 4053	9.3	42 54.27	+3.0976-.0051	-1 24 14.1	+13.083+.336	99.6	2
10721	+0 4590	9.0	43 44.51	+3.0668-.0044	+0 20 0.7	+13.138+.332	99.6	2
10722	-1 4056	9.2	44 5.13	+3.0976-.0051	-1 24 48.4	+13.161+.335	99.6	2
10723	-1 4057	6.5	44 8.76	+3.0891-.0049	-0 55 59.9	+13.165+.334	99.7	2
10724	-1 4058	9.0	44 13.93	+3.0912-.0050	-1 3 8.5	+13.171+.334	99.6	2
10725	-0 4104	9.2	44 29.38	+3.0727-.0046	-0 0 31.2	+13.188+.332	99.7	2
10726	-1 4059	9.5	45 22.16	+3.0880-.0049	-0 52 10.3	+13.246+.332	99.6	2
10727	+0 4595	9.1	46 12.73	+3.0623-.0044	+0 35 49.7	+13.301+.328	99.6	2
10728	+0 4598	9.1	46 27.88	+3.0528-.0042	+1 8 39.1	+13.317+.327	99.6	2
10729	+0 4602	9.2	47 2.39	+3.0566-.0043	+0 55 25.1	+13.355+.326	99.7	2
10730	Anon	9.3	47 3.71	+3.0565-.0043	+0 56 4.0	+13.356+.326	99.6	2
10731	Anon	9.4	47 6.51	+3.0565-.0043	+0 55 49.3	+13.359+.326	99.7	2
10732	-1 4066	9.3	47 59.00	+3.0981-.0051	-1 27 52.8	+13.416+.330	99.6	2
10733	+0 4605	9.0	48 11.42	+3.0549-.0042	+1 1 38.1	+13.430+.325	99.6	2
10734	+0 4611	9.1	49 24.78	+3.0677-.0045	+0 17 32.8	+13.509+.325	99.6	2
10735	-0 4123	9.2	49 38.47	+3.0858-.0049	-0 45 35.5	+13.524+.326	99.6	2
10736	-1 4075	6.6	49 58.02	+3.1029-.0052	-1 45 15.9	+13.545+.328	99.7	2
10737	+0 4615	9.3	50 49.10	+3.0581-.0043	+0 51 16.9	+13.600+.322	99.6	2
10738	-1 4080	9.0	51 48.15	+3.0974-.0052	-1 26 34.6	+13.663+.324	99.6	2
10739	-0 4131	9.2	51 53.89	+3.0843-.0049	-0 40 39.4	+13.669+.323	99.6	2
10740	-0 4132	6.3	52 3.55	+3.0713-.0046	+0 4 51.7	+13.679+.321	99.7	2
10741	Anon	9.3	52 48.78	+3.0797-.0048	-0 24 35.8	+13.727+.321	99.6	2
10742	-0 4134	9.3	52 53.27	+3.0798-.0048	-0 25 3.6	+13.732+.321	99.6	2
10743	+0 4630	9.2	54 12.72	+3.0677-.0045	+0 17 51.3	+13.816+.318	99.6	2
10744	-1 4087	9.0	54 16.06	+3.0884-.0050	-0 55 39.0	+13.820+.320	99.6	2
10745	+0 4635	9.3	54 35.61	+3.0650-.0045	+0 27 27.9	+13.841+.317	99.7	2
10746	-0 4140	9.2	54 42.43	+3.0830-.0048	-0 36 38.0	+13.848+.319	99.6	2
10747	-0 4146	9.0	56 13.67	+3.0821-.0048	-0 33 26.9	+13.944+.317	99.6	2
10748	-0 4147	9.3	56 15.17	+3.0756-.0047	-0 10 16.3	+13.945+.316	99.6	2
10749	+0 4643	9.1	56 51.12	+3.0569-.0043	+0 56 50.9	+13.983+.313	99.6	2
10750	-1 4095	6.3	20 57 50.24	+3.0947-.0051	-1 19 9.1	+14.045+.316	99.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	"	M	h m s	s s	° ' "	" "		
10751	+0 4650	9.5	20 58 9.25	+3.0596-.0044	+0 47 14.4	+14.064+.312	99.6	2
10752	+0 4652	9.5	58 45.27	+3.0626-.0044	+0 36 37.4	+14.102+.311	99.6	2
10753	+0 4653	9.1	58 47.52	+3.0610-.0044	+0 42 15.8	+14.104+.311	99.6	2
10754	-0 4151	9.3	59 9.16	+3.0774-.0048	-0 17 5.2	+14.126+.312	99.6	2
10755	+0 4656	9.2	59 29.68	+3.0614-.0044	+0 41 12.5	+14.148+.310	99.7	2
10756	-0 4152	9.4	20 59 53.46	+3.0717-.0046	+0 3 36.0	+14.172+.311	99.7	2
10757	-1 4103	9.0	21 0 57.96	+3.0899-.0050	-1 2 35.4	+14.239+.311	99.6	2
10758	-0 4157	9.5	1 0.23	+3.0723-.0046	+0 1 26.7	+14.241+.309	99.6	2
10759	-0 4160	9.2	1 17.98	+3.0728-.0046	-0 0 20.0	+14.259+.309	99.6	2
10760	-0 4161	7.1	1 25.48	+3.0810-.0048	-0 30 20.6	+14.267+.310	99.6	2
10761	-0 4162	9.0	1 47.83	+3.0728-.0046	-0 0 16.9	+14.290+.308	99.7	2
10762	-1 4107	9.1	2 12.19	+3.0892-.0050	-1 0 27.5	+14.315+.309	99.6	2
10763	-1 4111	6.8	2 59.64	+3.0954-.0052	-1 23 35.1	+14.363+.309	99.7	2
10764	-0 4165	9.1	3 4.10	+3.0744-.0047	-0 6 9.9	+14.367+.306	99.6	2
10765	+0 4665	9.3	3 5.36	+3.0544-.0042	+1 7 44.0	+14.369+.304	99.7	2
10766	+0 4666	9.2	3 5.50	+3.0548-.0042	+1 5 52.8	+14.369+.304	99.7	2
10767	+0 4667	9.0	3 25.76	+3.0537-.0042	+1 10 7.5	+14.390+.304	99.6	2
10768	-0 4166	9.2	3 26.43	+3.0845-.0049	-0 43 40.6	+14.390+.307	99.6	2
10769	-0 4174	9.5	4 39.76	+3.0712-.0046	+0 5 48.9	+14.464+.304	99.7	2
10770	-1 4112	9.1	4 48.69	+3.0956-.0052	-1 24 51.3	+14.473+.306	99.6	2
10771	+0 4678	9.0	5 55.77	+3.0627-.0044	+0 37 20.3	+14.541+.301	99.6	2
10772	-0 4176	9.3	6 9.08	+3.0740-.0046	-0 4 56.8	+14.554+.302	99.6	2
10773	-0 4177	9.1	6 48.58	+3.0802-.0048	-0 28 6.1	+14.594+.302	99.7	2
10774	-1 4121	9.1	7 7.01	+3.1008-.0053	-1 45 15.0	+14.612+.303	99.6	2
10775	-0 4186	6.6	9 29.29	+3.0778-.0047	-0 19 16.6	+14.754+.298	99.6	2
10776	-0 4187	9.7	9 35.12	+3.0775-.0047	-0 18 8.1	+14.759+.298	99.6	2
10777	+0 4692	9.3	10 27.98	+3.0567-.0042	+1 1 4.9	+14.811+.294	99.6	2
10778	-0 4694	9.2	11 18.95	+3.0558-.0042	+1 4 37.7	+14.861+.293	99.6	2
10779	-0 4196	9.2	13 2.81	+3.0762-.0047	-0 13 35.8	+14.963+.292	99.6	2
10780	-1 4142	9.0	13 4.65	+3.0936-.0051	-1 20 37.0	+14.964+.294	99.7	2
10781	+0 4704	9.3	13 50.52	+3.0690-.0045	+0 14 34.4	+15.009+.290	99.6	2
10782	-1 4146	9.4	14 6.09	+3.0905-.0050	-1 9 10.1	+15.024+.292	99.6	2
10783	-0 4199	9.3	14 57.44	+3.0800-.0048	-0 28 16.6	+15.073+.290	99.6	2
10784	+0 4706	9.3	15 6.36	+3.0643-.0044	+0 33 0.6	+15.082+.288	99.7	2
10785	-0 4201	9.3	15 11.46	+3.0752-.0046	-0 9 43.6	+15.087+.289	99.6	2
10786	-1 4152	9.3	15 30.57	+3.0907-.0050	-1 10 16.8	+15.105+.290	99.6	2
10787	-0 4202	9.1	15 51.64	+3.0735-.0046	-0 3 0.8	+15.125+.288	99.7	2
10788	+0 4712	9.3	15 57.61	+3.0626-.0043	+0 39 49.5	+15.131+.286	99.6	2
10789	-1 4154	9.1	16 47.56	+3.1006-.0053	-1 49 43.2	+15.179+.289	99.7	2
10790	-1 4157	9.3	17 30.99	+3.0906-.0050	-1 10 45.4	+15.220+.287	99.6	2
10791	+0 4715	9.4	17 41.44	+3.0631-.0043	+0 37 52.7	+15.230+.284	99.6	2
10792	-0 4206	9.2	18 36.62	+3.0710-.0045	+0 6 43.3	+15.282+.283	99.6	2
10793	Anon	9.2	18 37.37	+3.0707-.0045	+0 7 51.0	+15.283+.283	99.7	2
10794	+0 4719	9.1	18 49.59	+3.0589-.0042	+0 55 6.4	+15.295+.282	99.6	2
10795	-1 4162	9.3	19 44.50	+3.0932-.0051	-1 21 42.0	+15.346+.284	99.7	2
10796	-1 4163	9.4	20 0.72	+3.0894-.0050	-1 6 39.4	+15.361+.283	99.6	2
10797	-0 4213	9.3	20 3.00	+3.0830-.0048	-0 40 58.9	+15.364+.282	99.7	2
10798	-0 4215	6.5	20 44.33	+3.0712-.0045	+0 6 8.0	+15.402+.280	99.7	2
10799	-1 4166	9.1	20 57.59	+3.0880-.0050	-1 1 22.9	+15.415+.281	99.6	2
10800	-0 4217	9.5	21 20 57.79	+3.0754-.0046	-0 10 35.3	+15.415+.280	99.6	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
10801	+0 4726	6.4	21 21 21.24	+3.0627-.0042	+0 40 31.1	+15.437+.278	99.7	2
10802	-0 4218	9.4	21 50.02	+3.0725-.0045	+0 0 57.8	+15.463+.279	99.6	2
10803	+0 4730	9.2	23 2.01	+3.0675-.0044	+0 21 4.4	+15.530+.276	99.7	2
10804	-0 4221	9.4	23 3.49	+3.0831-.0048	-0 42 17.8	+15.531+.278	99.6	2
10805	+0 4731	9.1	23 8.12	+3.0689-.0044	+0 15 23.2	+15.536+.276	99.6	2
10806	-0 4223	9.2	23 52.71	+3.0786-.0046	-0 23 58.0	+15.577+.276	99.6	2
10807	+0 4732	8.7	24 16.44	+3.0625-.0042	+0 42 0.2	+15.598+.274	99.6	2
10808	+0 4733	9.4	24 19.82	+3.0629-.0042	+0 40 16.5	+15.602+.274	99.7	2
10809	-1 4171	9.3	25 36.68	+3.0982-.0052	-1 45 0.7	+15.672+.275	99.6	2
10810	-0 4230	9.3	25 37.59	+3.0753-.0045	-0 10 33.4	+15.673+.273	99.6	2
10811	-0 4233	9.2	26 58.75	+3.0804-.0047	-0 31 45.7	+15.746+.271	99.6	2
10812	-0 4234	9.4	27 1.72	+3.0759-.0046	-0 13 12.3	+15.749+.271	99.7	2
10813	-0 4235	9.2	27 24.09	+3.0710-.0044	+0 7 19.1	+15.769+.270	99.7	2
10814	-1 4173	9.4	27 40.56	+3.0918-.0050	-1 19 29.5	+15.784+.271	99.6	2
10815	+0 4744	9.3	27 49.17	+3.0647-.0042	+0 33 39.2	+15.792+.268	99.6	2
10816	+0 4745	9.3	27 56.92	+3.0674-.0043	+0 22 14.6	+15.799+.269	99.7	2
10817	+0 4747	8.5	28 31.56	+3.0562-.0040	+1 9 25.2	+15.830+.267	99.7	2
10818	-0 4237	9.3	28 40.87	+3.0771-.0046	-0 18 30.6	+15.838+.268	99.7	2
10819	-1 4176	9.3	30 0.06	+3.0938-.0051	-1 28 50.8	+15.908+.268	99.6	2
10820	-1 4178	9.3	31 1.23	+3.0974-.0052	-1 45 4.6	+15.963+.266	99.6	2
10821	Anon	9.3	31 20.00	+3.0568-.0039	+1 7 54.3	+15.979+.262	99.7	2
10822	+0 4752	9.4	31 21.67	+3.0570-.0039	+1 6 49.5	+15.981+.262	99.7	2
10823	+0 4754	9.2	32 5.03	+3.0664-.0042	+0 26 53.4	+16.019+.262	99.6	2
10824	-1 4180	6.3	32 25.67	+3.0845-.0047	-0 50 19.2	+16.037+.263	99.7	2
10825	M I 28988	9.5	32 26.27	+3.0846-.0048	-0 50 49.0	+16.037+.263	99.7	2
10826	-1 4183	9.5	33 8.18	+3.0976-.0051	-1 46 54.9	+16.074+.263	99.7	2
10827	-1 4186	9.3	33 31.91	+3.0908-.0049	-1 17 49.7	+16.095+.262	99.6	2
10828	+0 4763	9.4	35 33.04	+3.0687-.0042	+0 17 33.7	+16.199+.257	99.6	2
10829	-0 4247	9.5	35 48.03	+3.0702-.0042	+0 10 46.6	+16.212+.256	99.7	2
10830	-1 4191	9.4	35 57.49	+3.0961-.0050	-1 42 13.8	+16.220+.258	99.6	2
10831	-1 4192	9.2	36 16.17	+3.0955-.0050	-1 39 47.6	+16.236+.258	99.6	2
10832	-0 4250	9.3	36 54.00	+3.0749-.0044	-0 9 34.7	+16.269+.255	99.7	2
10833	+0 4770	5.8	37 4.19	+3.0614-.0040	+0 49 47.1	+16.277+.254	99.7	2
10834	-0 4252	9.3	37 55.65	+3.0801-.0045	-0 32 31.0	+16.321+.254	99.6	2
10835	+0 4772	9.3	38 7.37	+3.0596-.0039	+0 58 10.8	+16.331+.252	99.7	2
10836	-0 4259	9.3	38 53.58	+3.0806-.0045	-0 35 12.0	+16.370+.252	99.6	2
10837	+0 4773	9.5	39 18.91	+3.0666-.0041	+0 27 22.7	+16.391+.250	99.7	2
10838	-1 4198	9.2	39 43.87	+3.0836-.0046	-0 48 49.8	+16.412+.251	99.7	2
10839	+0 4777	9.5	40 45.35	+3.0690-.0041	+0 16 50.7	+16.464+.248	99.6	2
10840	-0 4262	9.4	41 21.23	+3.0818-.0045	-0 41 5.0	+16.493+.248	99.6	2
10841	-1 4203	9.3	42 12.32	+3.0858-.0046	-0 59 38.2	+16.536+.247	99.7	2
10842	-0 4265	9.3	42 36.71	+3.0707-.0041	+0 9 4.4	+16.556+.245	99.6	2
10843	-0 4266	9.4	43 14.46	+3.0819-.0045	-0 41 59.1	+16.587+.245	99.6	2
10844	-1 4205	9.0	43 14.50	+3.0914-.0048	-1 25 40.5	+16.587+.246	99.6	2
10845	-0 4270	9.2	43 57.64	+3.0709-.0041	+0 8 25.5	+16.622+.243	99.7	2
10846	-0 4272	9.4	44 38.44	+3.0723-.0041	+0 2 7.1	+16.655+.242	99.7	2
10847	+0 4782	9.4	44 39.19	+3.0594-.0037	+1 1 38.0	+16.656+.241	99.7	2
10848	-0 4273	9.2	44 41.91	+3.0829-.0045	-0 47 12.6	+16.658+.243	99.6	2
10849	+0 4786	9.5	46 5.83	+3.0590-.0036	+1 3 42.8	+16.726+.239	99.6	2
10850	-1 4212	8.3	21 46 55.32	+3.0952-.0049	-1 45 13.6	+16.766+.240	99.6	2



No.	Name.	Mag.	R. A. 1900.			Prec. and Sec. Var.		Decl. 1900.	Prec. and Sec. Var.		Epoch.	No. Obs.
	°	M	h	m	s	s	s	°	'	"		
10851	+0 4791	9.5	21	48	0.49	+3.0644-	.0038	+0 39	30.1	+16.817+	.236	99.7 2
10852	+0 4792	9.2		48	3.28	+3.0648-	.0038	+0 37	10.9	+16.820+	.236	99.7 2
10853	-0 4278	9.2		48	21.26	+3.0818-	.0044	-0 42	44.4	+16.834+	.237	99.6 2
10854	+0 4795	9.2		49	13.09	+3.0685-	.0039	+0 20	15.2	+16.875+	.234	99.7 2
10855	-0 4281	9.7		49	57.35	+3.0723-	.0040	+0 1	50.5	+16.910+	.234	99.7 2
10856	-1 4219	9.5		51	4.55	+3.0910-	.0047	-1 27	51.4	+16.962+	.233	99.6 2
10857	+0 4799	9.3		51	32.90	+3.0648-	.0037	+0 38	9.0	+16.984+	.230	99.6 2
10858	+0 4800	9.4		52	4.79	+3.0659-	.0037	+0 33	2.1	+17.009+	.229	99.6 2
10859	-1 4226	9.5		54	17.48	+3.0894-	.0045	-1 22	17.9	+17.110+	.228	99.6 2
10860	-1 4227	9.3		54	34.97	+3.0914-	.0046	-1 32	33.9	+17.124+	.227	99.6 2
10861	+0 4805	9.2		54	50.62	+3.0625-	.0035	+0 50	28.1	+17.136+	.224	99.7 2
10862	-1 4229	9.5		54	55.14	+3.0915-	.0046	-1 33	5.0	+17.139+	.227	99.7 2
10863	-1 4231	9.3		55	37.32	+3.0870-	.0044	-1 10	52.0	+17.171+	.225	99.7 2
10864	-0 4294	9.2		55	49.41	+3.0777-	.0041	-0 24	36.5	+17.180+	.224	99.7 2
10865	-0 4296	5.8		55	57.98	+3.0712-	.0038	+0 7	28.5	+17.186+	.223	99.7 2
10866	-1 4232	9.4		56	0.40	+3.0913-	.0046	-1 32	40.1	+17.188+	.225	99.6 2
10867	M I 30069	9.4		56	47.44	+3.0912-	.0046	-1 32	50.6	+17.223+	.224	99.7 2
10868	-1 4235	9.4		56	52.53	+3.0911-	.0045	-1 32	19.4	+17.227+	.223	99.7 2
10869	+0 4811	9.3		57	28.51	+3.0611-	.0034	+0 58	28.5	+17.254+	.220	99.7 2
10870	+0 4812	9.2		58	19.39	+3.0624-	.0034	+0 52	23.6	+17.292+	.218	99.7 2
10871	-0 4299	9.3		58	19.41	+3.0753-	.0039	-0 13	18.2	+17.292+	.220	99.6 2
10872	-1 4242	5.2	21	59	38.87	+3.0890-	.0044	-1 23	24.1	+17.350+	.218	99.6 2
10873	-1 4244	9.1	22	0	4.65	+3.0920-	.0045	-1 39	14.3	+17.369+	.218	99.7 2
10874	-0 4302	8.9		0	10.51	+3.0799-	.0040	-0 36	59.0	+17.373+	.217	99.7 2
10875	-0 4303	8.0		0	16.31	+3.0753-	.0039	-0 13	27.4	+17.378+	.216	99.7 3
10876	+0 4818	9.0		0	37.26	+3.0690-	.0036	+0 19	14.2	+17.393+	.215	99.7 2
10877	-1 4247	9.3		1	1.25	+3.0848-	.0042	-1 2	32.1	+17.410+	.216	99.7 2
10878	+0 4822	9.4		2	6.38	+3.0618-	.0033	+0 56	55.5	+17.457+	.212	99.7 2
10879	-1 4250	9.3		2	15.22	+3.0877-	.0043	-1 18	27.1	+17.463+	.214	99.6 2
10880	-1 4253	9.3		2	55.75	+3.0893-	.0043	-1 27	2.7	+17.492+	.213	99.7 2
10881	+0 4825	9.5		2	59.23	+3.0635-	.0033	+0 48	37.1	+17.495+	.211	99.7 2
10882	-0 4312	9.7		3	36.17	+3.0756-	.0038	-0 15	26.2	+17.521+	.210	99.7 2
10883	+0 4828	9.3		4	2.39	+3.0601-	.0031	+1 6	47.5	+17.540+	.209	99.7 2
10884	M I 30302	9.3		4	4.53	+3.0603-	.0032	+1 5	52.1	+17.541+	.209	99.7 2
10885	+0 4830	9.9		4	28.35	+3.0657-	.0034	+0 37	14.2	+17.558+	.208	99.7 2, 1
10886	-1 4258	9.7		5	20.67	+3.0901-	.0043	-1 33	16.0	+17.595+	.209	99.7 2
10887	-1 4259	9.3		5	48.87	+3.0917-	.0044	-1 42	15.6	+17.614+	.208	99.6 2
10888	-1 4263	9.0		6	44.29	+3.0862-	.0041	-1 12	49.4	+17.653+	.206	99.7 2
10889	-0 4319	9.5		6	57.77	+3.0769-	.0037	-0 22	35.7	+17.662+	.205	99.7 2
10890	-1 4264	9.5		7	53.96	+3.0918-	.0043	-1 44	32.1	+17.701+	.204	99.6 2
10891	-1 4267	9.3		8	15.00	+3.0868-	.0041	-1 17	24.5	+17.715+	.203	99.6 2
10892	-0 4323	9.4		8	29.73	+3.0749-	.0036	-0 11	54.7	+17.725+	.202	99.7 2
10893	-0 4324	9.3		9	8.16	+3.0736-	.0035	-0 4	42.5	+17.751+	.201	99.7 2
10894	-1 4270	9.4		9	34.13	+3.0919-	.0043	-1 46	16.0	+17.769+	.201	99.7 2
10895	-1 4271	9.1		9	36.46	+3.0822-	.0039	-0 52	41.2	+17.771+	.201	99.7 2
10896	+0 4841	9.2		10	16.52	+3.0610-	.0030	+1 5	40.2	+17.798+	.198	99.6 2
10897	-1 4276	9.5		11	6.50	+3.0866-	.0040	-1 18	12.4	+17.831+	.198	99.7 2
10898	+0 4843	9.4		11	18.67	+3.0631-	.0030	+0 53	55.1	+17.839+	.196	99.7 2
10899	-0 4330	9.1		11	41.61	+3.0753-	.0035	-0 14	46.0	+17.854+	.196	99.7 2
10900	+0 4845	9.4	22	12	42.24	+3.0618-	.0029	+1 2	12.5	+17.894+	.194	99.7 2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
10901	-0 4333	6.4	22 12 56.65	+3.0804-.0037	-0 44 10.0	+17.904+.194	99.7	2
10902	-1 4280	9.1	12 59.04	+3.0897-.0041	-1 37 10.6	+17.905+.195	99.7	2
10903	+0 4847	9.4	13 1.03	+3.0630-.0029	+0 55 48.2	+17.907+.193	99.6	2
10904	+0 4851	9.3	14 29.12	+3.0630-.0029	+0 56 6.5	+17.964+.191	99.7	2
10905	+0 4853	9.4	14 34.26	+3.0633-.0029	+0 54 42.4	+17.968+.190	99.7	2
10906	+0 4855	9.2	15 12.33	+3.0618-.0028	+1 3 54.6	+17.992+.189	99.6	2
10907	+0 4856	9.5	15 31.17	+3.0604-.0027	+1 12 13.7	+18.004+.189	99.7	2
10908	-0 4347	9.2	16 8.34	+3.0793-.0035	-0 38 45.7	+18.028+.189	99.7	2
10909	-0 4348	9.2	16 13.30	+3.0798-.0036	-0 41 46.4	+18.031+.189	99.7	2
10910	+0 4860	9.6	16 27.77	+3.0650-.0029	+0 45 27.9	+18.040+.187	99.7	2
10911	+0 4866	9.5	18 3.88	+3.0661-.0029	+0 39 18.7	+18.101+.184	99.7	2
10912	+0 4869	9.4	18 50.20	+3.0636-.0027	+0 55 12.1	+18.130+.183	99.7	2
10913	+0 4870	9.3	19 18.09	+3.0659-.0028	+0 41 0.9	+18.147+.182	99.7	2
10914	+0 4871	9.3	19 24.30	+3.0693-.0030	+0 20 27.0	+18.151+.182	99.7	3
10915	M I 30890	9.4	19 46.40	+3.0653-.0028	+0 45 8.9	+18.165+.181	99.7	2
10916	-0 4361	9.4	22 28.36	+3.0712-.0030	+0 9 47.8	+18.264+.177	99.7	2
10917	-0 4363	9.3	22 46.35	+3.0754-.0031	-0 16 25.8	+18.274+.177	99.7	2
10918	-0 4364	9.3	23 14.50	+3.0740-.0031	-0 7 56.6	+18.291+.176	99.6	2
10919	-0 4365 <sup>1</sup>	4.6	23 40.89	+3.0778-.0032	-0 31 53.3	+18.307+.175	99.7	2
10920	-0 4365 <sup>2</sup>	4.4	23 41.01	+3.0778-.0032	-0 31 56.2	+18.307+.175	99.7	2
10921	+0 4879	9.5	23 54.19	+3.0654-.0026	+0 46 10.6	+18.315+.174	99.7	2
10922	+0 4880 <sup>1*</sup>	9.7	23 54.90	+3.0652-.0026	+0 47 39.9	+18.315+.174	99.7	3
10923	+0 4880 <sup>2</sup>	9.6	23 54.92	+3.0652-.0026	+0 47 43.5	+18.315+.174	99.7	3
10924	-1 4300	9.3	23 56.16	+3.0848-.0036	-1 16 29.6	+18.316+.175	99.7	2
10925	-0 4368	9.0	24 26.04	+3.0775-.0032	-0 30 11.0	+18.334+.174	99.8	2
10926	+0 4881	9.3	24 32.60	+3.0653-.0026	+0 47 0.3	+18.338+.173	99.7	2
10927	-0 4370	9.4	24 40.98	+3.0759-.0031	-0 20 11.6	+18.343+.173	99.7	2
10928	+0 4885	9.1	25 15.66	+3.0700-.0028	+0 17 39.8	+18.363+.172	99.7	2
10929	-1 4306	9.0	25 22.03	+3.0875-.0037	-1 34 51.1	+18.367+.173	99.7	2
10930	+0 4888	9.5	26 38.41	+3.0663-.0026	+0 41 26.5	+18.411+.169	99.7	2
10931	-0 4380	9.2	28 15.62	+3.0750-.0029	-0 14 42.0	+18.467+.167	99.6	2
10932	-0 4381	9.3	28 58.62	+3.0752-.0029	-0 16 47.4	+18.491+.166	99.7	2
10933	-1 4320	9.4	29 45.52	+3.0801-.0031	-0 49 36.9	+18.518+.164	99.7	2
10934	-0 4385	9.4	31 3.64	+3.0758-.0029	-0 20 52.4	+18.561+.162	99.7	2
10935	-1 4324	9.3	31 11.29	+3.0807-.0031	-0 54 23.7	+18.565+.162	99.7	2
10936	-1 4325	9.6	31 13.83	+3.0864-.0034	-1 32 50.3	+18.567+.162	99.7	2
10937	-1 4328	9.0	31 29.07	+3.0810-.0031	-0 56 12.5	+18.575+.161	99.7	2
10938	-0 4389	9.3	32 13.24	+3.0783-.0030	-0 38 28.4	+18.599+.160	99.7	2
10939	-0 4391	9.3	32 21.21	+3.0751-.0028	-0 16 11.5	+18.603+.159	99.7	2
10940	-1 4329	9.3	32 24.33	+3.0880-.0035	-1 45 34.9	+18.605+.160	99.7	2
10941	-0 4393	9.3	32 33.78	+3.0773-.0029	-0 31 32.7	+18.610+.159	99.7	2
10942	-0 4394	9.5	32 39.62	+3.0750-.0028	-0 15 35.0	+18.614+.159	99.7	2
10943	-0 4395	9.1	32 42.40	+3.0788-.0030	-0 42 13.5	+18.615+.159	99.6	2
10944	-0 4396	9.2	33 16.17	+3.0713-.0025	+0 9 49.8	+18.633+.157	99.7	2
10945	-0 4400	9.3	36 1.47	+3.0791-.0029	-0 45 54.3	+18.721+.153	99.6	2
10946	-0 4408	9.1	38 2.91	+3.0741-.0025	-0 10 8.7	+18.784+.149	99.6	2
10947	+0 4915	9.4	38 44.79	+3.0666-.0020	+0 45 4.5	+18.805+.147	99.7	2
10948	+0 4919	9.5	39 52.98	+3.0638-.0018	+1 7 16.0	+18.839+.145	99.7	2
10949	-0 4414	9.2	41 5.32	+3.0758-.0025	-0 23 13.3	+18.875+.143	99.7	2
10950	-0 4415	9.3	22 41 8.04	+3.0760-.0025	-0 25 1.7	+18.877+.143	99.6	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	$^{\circ}$	M	h m s	s s	$^{\circ} ' "$	" "		
10951	+0 4922	9.2	22 41 12.84	+3.0636-.0017	+1 9 34.9	+18.879+.142	99.7	2
10952	-1 4349	9.3	43 27.32	+3.0864-.0030	-1 47 5.3	+18.944+.139	99.7	3
10953	-1 4350	9.4	43 34.81	+3.0803-.0027	-0 59 52.6	+18.948+.139	99.6	2
10954	-0 4424	9.5	45 28.51	+3.0775-.0024	-0 38 48.2	+19.001+.135	99.7	2
10955	+0 4929	9.6	45 42.74	+3.0664-.0016	+0 50 36.8	+19.008+.134	99.7	2
10956	-1 4353	9.3	47 1.21	+3.0803-.0025	-1 2 32.6	+19.044+.132	99.7	2
10957	+0 4933	9.4	47 23.49	+3.0650-.0015	+1 3 25.8	+19.054+.131	99.7	2
10958	-0 4427	9.3	47 26.91	+3.0731-.0020	-0 2 50.4	+19.056+.131	99.7	2
10959	+0 4934	9.4	47 30.37	+3.0644-.0014	+1 9 6.2	+19.057+.131	99.7	2
10960	+0 4936	9.3	48 4.40	+3.0676-.0016	+0 42 51.6	+19.073+.130	99.7	2
10961	-1 4354	9.0	48 23.86	+3.0804-.0025	-1 4 4.1	+19.081+.130	99.7	2
10962	-0 4433	9.1	49 38.02	+3.0714-.0018	+0 11 23.6	+19.114+.127	99.7	2
10963	+0 4939	6.0	49 52.49	+3.0690-.0016	+0 31 55.3	+19.121+.127	99.7	2
10964	+0 4941	9.5	50 40.65	+3.0670-.0014	+0 48 59.4	+19.142+.125	99.7	2
10965	+0 4942	9.3	50 45.14	+3.0670-.0014	+0 48 49.0	+19.144+.125	99.7	2
10966	Anon	9.7	50 45.88	+3.0671-.0014	+0 48 19.7	+19.144+.125	99.7	2
10967	-1 4361	9.6	53 7.98	+3.0836-.0025	-1 37 32.3	+19.205+.121	99.7	2
10968	-0 4437	9.3	53 9.30	+3.0719-.0017	+0 7 40.9	+19.205+.121	99.7	2
10969	+0 4950	5.6	54 19.94	+3.0699-.0014	+0 25 44.6	+19.235+.118	99.7	2
10970	-1 4369	9.3	54 22.58	+3.0822-.0024	-1 26 0.2	+19.236+.119	99.7	2
10971	-1 4371	9.5	54 48.10	+3.0815-.0023	-1 20 10.0	+19.246+.118	99.7	2
10972	-1 4373	8.9	55 29.71	+3.0788-.0021	-0 56 11.1	+19.263+.116	99.7	2
10973	-0 4443	6.4	55 30.18	+3.0750-.0018	-0 21 4.0	+19.263+.116	99.7	2
10974	+0 4954	9.0	55 42.99	+3.0681-.0012	+0 43 2.3	+19.268+.116	99.7	2
10975	+0 4956	9.3	56 45.63	+3.0674-.0011	+0 50 17.6	+19.294+.114	99.7	2
10976	-1 4376	9.0	56 54.13	+3.0838-.0024	-1 44 48.9	+19.297+.114	99.7	2
10977	-0 4450	9.4	57 21.77	+3.0736-.0016	-0 8 2.8	+19.308+.113	99.7	2
10978	-0 4451	9.3	57 36.66	+3.0744-.0016	-0 16 25.9	+19.314+.112	99.7	2
10979	-1 4381	9.3	57 43.46	+3.0780-.0019	-0 50 45.6	+19.316+.112	99.7	2
10980	+0 4958	9.3	58 4.49	+3.0667-.0010	+0 58 13.3	+19.324+.111	99.7	2
10981	-1 4383	9.1	58 29.10	+3.0777-.0019	-0 47 53.8	+19.334+.111	99.7	2
10982	-1 4384	9.5	58 32.17	+3.0830-.0006	-1 40 13.1	+19.335+.110	99.7	2
10983	-1 4387	9.3	59 19.67	+3.0793-.0020	-1 4 30.5	+19.354+.109	99.7	2
10984	+0 4962	9.4	59 32.89	+3.0697-.0012	+0 29 53.1	+19.359+.108	99.7	2
10985	-1 4389	9.3	22 59 54.25	+3.0832-.0023	-1 44 20.0	+19.367+.108	99.7	2
10986	+0 4965	9.1	23 0 20.99	+3.0692-.0011	+0 35 11.5	+19.377+.107	99.7	2
10987	+0 4966	9.3	0 31.07	+3.0669-.0009	+0 58 22.0	+19.381+.106	99.7	2
10988	-1 4390	9.4	0 38.49	+3.0790-.0019	-1 3 33.2	+19.383+.107	99.7	2
10989	-1 4391	9.3	1 28.58	+3.0781-.0018	-0 54 34.2	+19.402+.105	99.7	2
10990	-1 4392	9.3	1 57.09	+3.0817-.0022	-1 31 44.0	+19.412+.104	99.7	2
10991	-1 4395	9.3	3 35.99	+3.0826-.0021	-1 43 55.8	+19.448+.101	99.7	2
10992	-0 4468	9.2	3 47.27	+3.0726-.0012	+0 1 26.3	+19.452+.100	99.7	2
10993	+0 4970	9.2	4 31.00	+3.0671-.0006	+1 0 41.0	+19.467+.099	99.7	2
10994	-1 4397	9.5	4 38.98	+3.0804-.0019	-1 22 2.1	+19.470+.099	99.7	2
10995	-0 4474	9.2	5 1.60	+3.0719-.0011	+0 8 48.3	+19.478+.098	99.7	2
10996	+0 4977	9.2	7 59.28	+3.0668-.0004	+1 7 36.6	+19.538+.092	99.7	2
10997	+0 4980	9.1	9 13.65	+3.0692-.0006	+0 40 54.8	+19.562+.090	99.7	2
10998	-1 4411	9.4	10 42.64	+3.0794-.0015	-1 21 1.8	+19.590+.088	99.7	2
10999	-1 4415	9.5	12 50.71	+3.0774-.0012	-0 58 49.1	+19.629+.083	99.7	2
11000	-0 4496	9.2	23 12 59.54	+3.0730-.0008	-0 3 5.5	+19.632+.083	99.7	2



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
II001	-0 4499	9.2	23 13 19.66	+3.0728-.0007	-0 1 35.2	+19.638+.082	99.7	2
II002	+0 4986	9.7	13 46.16	+3.0694-.0003	+0 42 5.8	+19.645+.081	99.8	2
II003	-0 4502	9.3	14 7.01	+3.0740-.0008	-0 15 54.2	+19.652+.081	99.7	2
II004	-1 4417	9.4	14 44.54	+3.0773-.0012	-1 0 26.0	+19.662+.080	99.7	2
II005	-0 4503	9.5	15 8.48	+3.0744-.0008	-0 22 20.0	+19.669+.079	99.7	2
II006	-0 4504	9.3	15 28.28	+3.0720-.0005	+0 10 18.6	+19.675+.078	99.7	2
II007	-0 4505	9.2	15 35.87	+3.0745-.0008	-0 23 16.0	+19.677+.078	99.7	2
II008	-1 4419	9.7	15 55.26	+3.0779-.0012	-1 10 14.3	+19.682+.077	99.8	2
II009	-1 4421	9.4	17 20.09	+3.0762-.0009	-0 47 43.1	+19.706+.075	99.7	2
II010	-1 4422	9.4	17 25.90	+3.0782-.0012	-1 16 22.3	+19.707+.074	99.7	2
II011	-0 4509	6.5	18 24.08	+3.0738-.0006	-0 15 28.1	+19.723+.072	99.7	2
II012	+0 4995	9.5	20 46.34	+3.0700.0000	+0 40 43.2	+19.759+.068	99.7	2
II013	-1 4432	9.6	21 0.33	+3.0758-.0007	-0 47 15.5	+19.763+.068	99.7	2
II014	+0 4996	9.3	21 27.92	+3.0701+.0001	+0 40 35.7	+19.769+.066	99.7	2
II015	-0 4515	9.2	22 15.61	+3.0734-.0003	-0 10 43.1	+19.781+.065	99.8	2
II016	-0 4516	9.0	22 17.52	+3.0721-.0002	+0 10 20.1	+19.781+.065	99.7	2
II017	+0 5001	9.5	23 9.81	+3.0696+.0002	+0 49 58.4	+19.794+.063	99.8	2
II018	-1 4439	9.4	23 25.24	+3.0785-.0010	-1 32 49.9	+19.797+.063	99.7	2
II019	-0 4517	9.3	23 47.54	+3.0749-.0005	-0 35 30.1	+19.802+.062	99.7	2
II020	-0 4518	9.5	24 19.74	+3.0736-.0003	-0 15 7.3	+19.810+.061	99.7	2
II021	-1 4443	7.0	24 22.62	+3.0784-.0010	-1 35 9.4	+19.810+.061	99.8	2
II022	+0 5010	9.5	25 50.45	+3.0711+.0002	+0 28 9.9	+19.830+.058	99.7	2
II023	+0 5011	9.3	26 34.17	+3.0687+.0006	+1 10 48.6	+19.839+.057	99.7	2
II024	-1 4450	6.5	26 49.71	+3.0782-.0008	-1 38 17.8	+19.842+.056	99.8	2
II025	-1 4453	9.4	27 51.96	+3.0780-.0008	-1 37 32.6	+19.855+.054	99.7	2
II026	-0 4526	9.3	28 4.82	+3.0737-.0001	-0 18 54.1	+19.858+.054	99.7	2
II027	Anon	9.6	28 31.15	+3.0769-.0006	-1 17 52.3	+19.863+.053	99.8	2
II028	-1 4455	9.4	28 43.49	+3.0769-.0006	-1 19 45.2	+19.866+.052	99.8	2
II029	-0 4530	9.3	29 12.51	+3.0738.0000	-0 21 4.0	+19.871+.052	99.7	2
II030	-0 4531	9.4	29 30.24	+3.0748-.0002	-0 41 15.9	+19.875+.051	99.8	2
II031	+0 5019	9.3	30 23.59	+3.0715+.0004	+0 25 9.4	+19.885+.049	99.7	2
II032	-0 4534	9.5	30 43.52	+3.0730+.0002	-0 6 8.2	+19.889+.049	99.7	2
II033	-0 4535	9.5	31 24.34	+3.0736+.0001	-0 17 22.9	+19.896+.047	99.7	2
II034	+0 5021	9.4	31 55.00	+3.0702+.0007	+0 52 14.4	+19.902+.046	99.7	2
II035	-1 4463	9.3	32 41.23	+3.0761-.0003	-1 13 2.1	+19.910+.045	99.7	2
II036	-1 4465	9.2	33 3.74	+3.0765-.0004	-1 22 49.3	+19.914+.044	99.8	2
II037	-0 4538	9.1	33 11.26	+3.0721+.0005	+0 13 39.2	+19.915+.044	99.7	2
II038	-0 4542	9.3	33 48.18	+3.0747.0000	-0 45 4.7	+19.921+.043	99.7	2
II039	+0 5028	9.3	34 29.91	+3.0703+.0009	+0 56 55.0	+19.928+.041	99.8	2
II040	-1 4470	9.3	34 44.39	+3.0756-.0001	-1 6 43.0	+19.930+.041	99.7	2
II041	+0 5033	9.3	35 47.70	+3.0700+.0011	+1 5 39.9	+19.940+.039	99.7	2
II042	-1 4476	10	36 38.14	+3.0753.0000	-1 4 44.6	+19.948+.037	99.8	2
II043	+0 5037	4.6	36 56.64	+3.0698+.0012	+1 13 46.4	+19.951+.036	99.7	2
II044	+0 5039	8.9	38 7.47	+3.0719+.0008	+0 20 58.4	+19.961+.034	99.7	2
II045	+0 5041	10	39 25.26	+3.0721+.0009	+0 19 0.5	+19.971+.032	99.7	2
II046	+0 5043	9.4	40 45.35	+3.0718+.0010	+0 27 28.3	+19.981+.029	99.7	2
II047	-0 4564	9.5	41 7.14	+3.0740+.0004	-0 40 31.8	+19.984+.028	99.8	2
II048	-0 4565	9.4	41 11.41	+3.0727+.0008	+0 0 36.5	+19.985+.028	99.7	2
II049	+0 5048	9.3	42 7.89	+3.0716+.0012	+0 36 10.6	+19.991+.026	99.7	2
II050	-0 4568	9.2	23 42 34.20	+3.0734+.0007	-0 21 31.2	+19.994+.026	99.7	2

No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
11051	+0 5053	9.3	23 43 59.13	+3.0723+.0011	+ 0 16 8.4	+20.003+.023	99.7	2
11052	-1 4491	9.4	44 56.59	+3.0740+.0006	- 0 51 31.0	+20.009+.021	99.7	2
11053	+0 5059	9.3	45 58.82	+3.0712+.0016	+ 1 2 6.3	+20.015+.019	99.7	2
11054	+0 5061	9.4	46 15.31	+3.0722+.0013	+ 0 21 7.7	+20.016+.018	99.8	2
11055	+0 5063	9.2	46 58.80	+3.0715+.0016	+ 0 56 51.0	+20.020+.017	99.7	2
11056	-1 4493	9.8	47 16.78	+3.0746+.0004	- 1 29 20.4	+20.021+.016	99.7	2
11057	-0 4578	9.2	47 43.34	+3.0725+.0012	+ 0 10 7.2	+20.023+.016	99.8	2
11058	+0 5066	8.3	48 24.66	+3.0714+.0018	+ 1 8 46.9	+20.026+.014	99.7	2
11059	-0 4582	9.4	48 57.58	+3.0731+.0011	- 0 19 44.6	+20.029+.013	99.7	2
11060	-0 4584	9.0	49 32.22	+3.0725+.0014	+ 0 12 58.1	+20.031+.012	99.8	2
11061	-0 4585	6.0	49 39.51	+3.0732+.0010	- 0 26 48.8	+20.032+.012	99.8	2
11062	-1 4501	9.3	50 15.08	+3.0743+.0004	- 1 38 8.0	+20.034+.010	99.7	2
11063	-1 4502	9.3	50 44.04	+3.0738+.0008	- 1 7 0.7	+20.036+.010	99.8	2
11064	+0 5068	9.3	50 45.86	+3.0722+.0016	+ 0 33 49.7	+20.036+.010	99.8	2
11065	+0 5069	9.4	50 59.75	+3.0718+.0019	+ 1 0 11.0	+20.037+.009	99.8	2
11066	Anon	10	51 18.99	+3.0737+.0008	- 1 8 40.7	+20.038+.008	99.9	2
11067	-1 4505	9.5	51 19.76	+3.0737+.0008	- 1 8 37.0	+20.038+.008	99.7	2
11068	-0 4595	9.3	52 14.20	+3.0726+.0015	+ 0 7 52.6	+20.041+.007	99.7	2
11069	-1 4514	7.0	54 39.15	+3.0732+.0011	- 0 50 10.4	+20.047+.002	99.7	2
11070	-0 4603	8.1	55 31.49	+3.0729+.0014	- 0 20 1.4	+20.048 .000	99.7	2
11071	-0 4607	9.5	56 27.70	+3.0730+.0013	- 0 41 40.6	+20.050-.002	99.7	2
11072	-1 4516	9.6	56 34.51	+3.0733+.0008	- 1 41 48.8	+20.050-.002	99.7	2
11073	-0 4608	9.1	56 50.90	+3.0729+.0015	- 0 25 36.6	+20.050-.002	99.7	2
11074	-0 4610	9.4	57 3.62	+3.0728+.0016	- 0 5 1.2	+20.050-.003	99.7	2
11075	+0 5085	9.0	59 55.38	+3.0727+.0021	+ 0 28 56.3	+20.052-.008	99.7	2
11076	-1 4525	6.3	23 59 56.14	+3.0727+.0013	- 1 3 29.6	+20.052-.008	99.7	2





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# STANDARD AND MISCELLANEOUS STARS

OBSERVED BY LEWIS BOSS.

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No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Dec. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m s	s s	° ' "	" "		
11077	<i>α Andromedæ</i>	2.2	0 3 12.99	+3.0829+.0184	+28 32 18.2	+20.050-.015	97.7	12
11078	Lal 47360	8.7	4 17.45	+3.0725+.0020	- 0 29 0.5	+20.048-.017	98.8	1
11079	<i>γ Pegasi</i>	2.9	8 5.15	+3.0850+.0102	+14 37 39.3	+20.040-.024	97.7	7
11080	Lal 145	8.3	8 56.56	+3.0722+.0020	- 0 35 21.0	+20.037-.026	98.8	1
11081	Lal 310	7.5	12 56.25	+3.0728+.0026	+ 0 3 39.3	+20.020-.034	98.8	1
11082	Lal 316	7.9	14 9.26	+3.0727+.0026	- 0 2 4.5	+20.014-.036	98.8	1
11083	WB 271	8.5	18 14.68	+3.0725+.0028	- 0 6 8.9	+19.989-.044	98.8	1
11084	Lal 806	7.1	28 22.12	+3.0694+.0029	- 1 9 35.5	+19.899-.064	98.8	1
11085	Br 55	6.9	32 57.70	+3.0692+.0032	- 1 3 12.4	+19.845-.073	98.8	1
11086	<i>α Cassiopeia</i>	2.5	34 49.74	+3.3726+.0560	+55 59 19.9	+19.821-.083	97.8	8
11087	WB 607	8.5	37 29.82	+3.0693+.0035	- 0 53 37.0	+19.784-.081	98.8	1
11088	<i>β Ceti</i>	2.2	38 34.20	+2.9976-.0054	-18 32 7.7	+19.769-.082	97.7	11
11089	Pi 230	6.0	50 39.25	+3.0321+.0007	- 7 53 15.5	+19.564-.105	91.9	2
11090	<i>ε Piscium</i>	4.5	57 45.15	+3.1157+.0088	+ 7 21 6.1	+19.419-.121	97.9	3
11091	Lal 1873	8.5	0 59 10.00	+3.0732+.0051	+ 0 4 44.9	+19.388-.122	98.8	1
11092	<i>β Andromedæ</i>	2.4	1 4 7.79	+3.3321+.0288	+35 5 25.7	+19.272-.142	97.7	16
11093	Lal 2139	8.0	6 44.43	+3.0662+.0050	- 0 58 36.0	+19.208-.136	98.8	1
11094	Br 165	5.8	9 42.85	+3.0622+.0048	- 1 30 31.4	+19.131-.142	98.8	1
11095	Br 183	6.5	19 0.66	+3.0050+.0020	- 8 31 39.8	+18.872-.156	98.0	1
11096	<i>θ Ceti</i>	3.8	19 1.49	+3.0036+.0019	- 8 41 57.1	+18.872-.156	97.7	6
11097	<i>α Ursae Min*</i>	2.1	22 32.89	+25.090+20.013	+88 46 26.1	+18.765-1.297	97.6 97.8	19 35
11098	Lal 2727	8.5	24 34.49	+3.1553+.0112	+ 9 42 54.4	+18.702-.174	92.0	1
11099	<i>η Piscium</i>	3.7	26 7.85	+3.2026+.0142	+14 49 49.3	+18.653-.179	97.9	9
11100	BD+11° 219	9.1	1 36 55.58	+3.1907+.0130	+12 8 35.9	+18.285-.199	92.0	1

11097 R. A. from double transits. Decl. S. P. 26°8 97Y8 65 obs.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		<b>M</b>	<b>h m s</b>	<b>s s</b>	<b>° ' "</b>	<b>" "</b>		
III101	WB 659	8.9	1 38 41.27	+3.1833+.0125	+11 12 53.2	+18.222-.201	92.0	1
III102	<i>o Piscium</i>	4.5	40 6.68	+3.1588+.0112	+8 39 16.1	+18.169-.202	97.9	7, 6
III103	BD+12° 243	9.3	45 46.92	+3.2051+.0134	+12 32 8.8	+17.954-.216	92.0	1
III104	<i>β Arietis</i>	2.7	49 6.85	+3.2996+.0183	+20 19 9.2	+17.822-.228	97.9	12
III105	WB 881	9.1	52 15.00	+3.2233+.0141	+13 27 59.7	+17.695-.229	92.0	2
III106	BD+13° 327	9.5	1 59 17.16	+3.2314+.0142	+13 25 24.9	+17.397-.242	92.0	1
III107	<i>α Arietis</i>	2.2	2 1 32.04	+3.3596+.0204	+22 59 23.2	+17.298-.255	97.8	13 11
III108	Anon	....	3 37.15	+3.2417+.0145	+13 49 32.0	+17.205-.250	92.0	1
III109	Lal 3979	6.3	4 1.14	+2.8456+.0005	-18 15 10.6	+17.187-.221	97.1	1
III110	<i>ξ Ceti</i>	4.3	22 50.45	+3.1826+.0117	+8 0 43.0	+16.282-.278	98.0	10
III111	<i>γ Ceti</i>	3.6	38 7.11	+3.1146+.0094	+2 48 52.0	+15.466-.295	97.9	7
III112	BD+18° 374	9.4	49 43.85	+3.3740+.0170	+18 28 4.7	+14.800-.338	92.0	1
III113	WB 927	8.2	55 14.34	+3.1634+.0105	+5 35 37.1	+14.471-.325	92.0	1
III114	<i>α Ceti</i>	2.8	2 57 3.06	+3.1330+.0098	+3 41 51.3	+14.360-.325	97.8	9
III115	<i>β Persei</i>	Var.	3 1 39.56	+3.8879+.0355	+40 34 12.6	+14.076-.410	97.7	2
III116	<i>α Persei</i>	1.9	17 10.80	+4.2595+.0482	+49 30 18.7	+13.077-.476	97.5	3
III117	Lal 6418	8.0	23 23.51	+2.9478+.0062	-6 52 19.9	+12.660-.338	96.0	1
III118	Lal 6462	6.5	24 45.22	+2.9421+.0061	-7 8 46.4	+12.568-.340	96.0	1
III119	Lal 6639	8.0	29 54.02	+2.8351+.0048	-12 37 50.2	+12.214-.333	96.0	2
III120	BD+24° 543	8.9	38 22.32	+3.5706+.0183	+24 33 29.5	+11.618-.429	92.0	1
III121	<i>η Tauri</i>	3.0	41 32.31	+3.5579+.0176	+23 47 46.0	+11.391-.432	97.8	11
III122	<i>ξ Persei</i>	2.9	47 50.60	+3.7618+.0220	+31 35 12.5	+10.933-.464	97.7	3
III123	BD+22° 608	8.8	51 50.90	+3.5453+.0161	+22 38 6.2	+10.637-.442	92.0	1
III124	<i>γ Eridani</i>	3.2	53 21.80	+2.7934+.0046	-13 47 34.4	+10.525-.351	97.9	21
III125	WB 1170	8.7	3 57 2.54	+3.5279+.0152	+21 36 42.1	+10.249-.446	92.0	1
III126	BD+5° 590	9.0	4 2 32.40	+3.1834+.0089	+5 25 39.6	+9.833-.408	92.0	1
III127	Groomb 750*	6.7	5 4.83	+17.305+1.789	+85 17 28.8	+9.638-2.216	97.5	1
III128	WB 65	8.5	6 53.06	+3.4457+.0127	+17 34 39.6	+9.500-.446	92.0	1
III129	WB 183	8.0	11 44.52	+2.7720+.0045	-14 10 44.4	+9.124-.364	96.0	1
III130	<i>γ Tauri</i>	3.9	14 6.06	+3.4020+.0114	+15 23 10.5	+8.939-.448	97.8	7
III131	<i>ε Tauri</i>	3.6	22 46.55	+3.4913+.0119	+18 57 31.9	+8.254-.467	97.9	9
III132	<i>α Tauri</i>	1.1	30 10.92	+3.4342+.0104	+16 18 30.0	+7.659-.466	97.7	9
III133	WB 711	8.0	34 57.30	+3.2391+.0078	+7 36 12.7	+7.271-.443	92.0	1
III134	<i>ι Aurigæ</i>	2.9	4 50 28.80	+3.9015+.0141	+33 0 27.4	+5.990-.545	97.9	4
III135	<i>α Aurigæ</i>	0.2	5 9 17.97	+4.4185+.0168	+45 53 48.2	+4.400-.630	97.5	2
III136	<i>β Orionis</i>	0.3	9 43.93	+2.8820+.0039	-8 19 1.6	+4.363-.412	98.0	20
III137	<i>β Tauri</i>	1.8	19 58.20	+3.7882+.0079	+28 31 23.3	+3.485-.545	97.9	12
III138	Groomb 966*	6.4	26 20.61	+8.0004+.0702	+74 58 39.3	+2.933-1.158	97.5	1
III139	<i>δ Orionis</i>	2.5	26 53.86	+3.0641+.0037	-0 22 23.2	+2.886-.443	98.0	7
III140	<i>α Leporis</i>	2.7	28 19.17	+2.6453+.0029	-17 53 37.5	+2.763-.383	98.0	2
III141	<i>ε Orionis</i>	1.8	31 8.36	+3.0434+.0034	-1 15 56.6	+2.519-.441	98.0	4
III142	<i>α Orionis</i>	Var.	5 49 45.50	+3.2459+.0026	+7 23 18.9	+0.896-.473	98.0	5
III143	<i>η Geminorum</i>	Var.	6 8 50.49	+3.6270+.0005	+22 32 9.9	-0.773-.528	98.2	1
III144	<i>μ Geminorum</i>	3.2	16 54.64	+3.6267-.0006	+22 33 54.7	-1.478-.526	98.2	3
III145	<i>γ Geminorum</i>	1.9	31 56.11	+3.4645-.0016	+16 29 4.8	-2.785-.499	97.8	5
III146	<i>α Canis Maj</i>	-1.6	40 44.69	+2.6810+.0009	-16 34 40.4	-3.546-.383	98.0	17
III147	<i>51 H Cephei*</i>	5.3	6 53 43.96	+29.712-2.618	+87 12 21.8	-4.659-4.210	97.8 98.2	13, 1
III148	<i>δ Geminorum</i>	3.5	7 14 9.14	+3.5891-.0074	+22 9 59.6	-6.375-.493	98.0	1
III149	<i>α² Geminorum</i>	2.0	28 13.34	+3.8502-.0136	+32 6 29.0	-7.529-.517	97.9	9
III150	<i>α Canis Min</i>	0.5	7 34 4.28	+3.1904-.0042	+5 28 54.5	-8.001-.423	97.8	8

III127 Observed S. P.

III138 Observed S. P.

III147 R. A. from Polaris. Decl. S. P. 20°.4 97.8 14 obs.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
11151	$\beta$ Geminorum	1.2	7 39 12.00	+3.7252-.0130	+28 16 4.4	-8.411-.489	98.0	8
11152	$\epsilon$ Hydræ	3.5	8 41 28.90	+3.1939-.0071	+6 47 9.0	-12.988-.349	98.2	14
11153	$\iota$ Ursæ Maj	3.1	8 52 21.97	+4.1736-.0446	+48 26 4.0	-13.699-.438	98.3	4
11154	$\kappa$ Cancræ	5.1	9 2 19.90	+3.2558-.0094	+11 4 14.9	-14.322-.326	98.1	14
11155	Pi 13	5.8	7 23.90	+2.7518+.0016	-19 20 19.7	-14.629-.268	96.3	2
11156	$\alpha$ Hydræ	2.2	22 40.43	+2.9502-.0014	-8 13 30.3	-15.510-.266	98.1	18
11157	$\iota$ H Draconis*	4.6	22 51.30	+8.924-.775	+81 46 7.0	-15.520-.817	97.8 98.0	10 12
11158	$\epsilon$ Leonis	3.1	40 10.60	+3.4175-.0179	+24 14 4.8	-16.435-.278	97.9	9
11159	$\mu$ Leonis	4.1	9 47 4.72	+3.4376-.0196	+26 28 40.5	-16.773-.267	97.9	13
11160	$\alpha$ Leonis	1.3	10 3 2.89	+3.2170-.0100	+12 27 21.6	-17.497-.222	97.9	29
11161	$\lambda$ Ursæ Maj	3.5	11 4.14	+3.6515-.0383	+43 24 49.6	-17.830-.236	97.4	1
11162	$\gamma^1$ Leonis	2.6	14 27.61	+3.2930-.0148	+20 20 50.9	-17.963-.206	98.0	15
11163	Pi 22	5.3	18 55.48	+7.766-.906	+83 4 2.8	-18.133-.476	97.4	1
11164	Br 1446*	5.0	26 36.18	+5.2341-.273	+76 13 40.8	-18.410-.295	98.0 98.2	5, 6
11165	$\rho$ Leonis	3.9	27 32.80	+3.1636-.0079	+9 49 16.2	-18.442-.173	97.9	13
11166	Br 1500	5.3	44 0.10	+3.1579-.0080	+11 4 28.0	-18.960-.142	98.0	4
11167	$\beta$ Ursæ Maj	2.4	55 48.61	+3.6400-.0621	+56 55 6.3	-19.271-.139	97.5	1
11168	$\alpha$ Ursæ Maj	2.0	10 57 33.68	+3.7576-.0809	+62 17 26.9	-19.312-.139	97.7	5
11169	$\psi$ Ursæ Maj	3.2	11 4 2.61	+3.3964-.0364	+45 2 27.7	-19.457-.111	97.6	5
11170	$\delta$ Leonis	2.6	8 47.45	+3.1868-.0130	+21 4 17.9	-19.554-.095	97.9	19
11171	$\delta$ Crateris	3.8	14 20.45	+3.0056+.0065	-14 14 14.9	-19.655-.078	97.9	14
11172	$\lambda$ Draconis	4.1	25 28.37	+3.6205-.1096	+69 52 58.1	-19.825-.070	97.8	3
11173	$\nu$ Leonis	4.5	31 49.70	+3.0719+.0004	-0 16 18.5	-19.901-.046	97.9	4
11174	$\beta$ Leonis	2.2	43 57.66	+3.0980-.0072	+15 7 51.8	-20.003-.023	97.8	16
11175	$\beta$ Virginis	3.8	11 45 29.10	+3.0762-.0002	+2 19 41.9	-20.012-.020	98.1	4
11176	$\alpha$ Virginis	4.2	12 0 6.96	+3.0726-.0030	+9 17 17.9	-20.052+.009	98.0	9
11177	Br 1634	5.1	7 31.02	+2.8631-.1206	+78 10 18.2	-20.041+.022	98.2	3
11178	$\eta$ Virginis	4.0	14 47.37	+3.0729+.0028	-0 6 40.3	-20.010+.037	98.0	9
11179	$\alpha^2$ Canum Ven	2.9	12 51 21.12	+2.8334-.0150	+38 51 29.7	-19.551+.100	97.9	7
11180	$\theta$ Virginis	4.4	13 4 46.30	+3.1054+.0079	-5 0 18.8	-19.257+.134	97.7	6
11181	$\alpha$ Virginis	1.2	19 55.46	+3.1585+.0116	-10 38 22.0	-18.845+.165	97.6	26
11182	$\zeta$ Virginis	3.4	29 35.88	+3.0735+.0065	-0 5 5.1	-18.539+.179	97.8	13
11183	$\eta$ Ursæ Maj	1.9	43 36.10	+2.3814-.0102	+49 48 44.4	-18.038+.159	97.6	10
11184	$\eta$ Bootis	2.8	13 49 55.41	+2.8615-.0006	+18 53 56.7	-17.790+.200	97.7	20 19
11185	$\alpha$ Draconis	3.6	14 1 40.91	+1.6307+.0049	+64 51 13.3	-17.291+.128	97.6	6
11186	$\alpha$ Bootis	0.2	11 6.21	+2.8136+.0004	+19 42 15.0	-16.860+.229	97.7	43
11187	$\theta$ Bootis	4.1	21 47.63	+2.0691-.0027	+52 18 47.3	-16.335+.182	97.6	11
11188	$\rho$ Bootis	3.8	27 31.23	+2.5942-.0015	+30 48 36.2	-16.040+.234	97.7	14
11189	$\epsilon$ Bootis	2.7	40 37.20	+2.6240.0000	+27 29 43.9	-15.326+.253	97.7	20
11190	$\alpha^2$ Libræ	2.9	45 20.73	+3.3197+.0155	-15 37 35.0	-15.056+.326	97.6	23
11191	$\beta$ Bootis	3.6	14 58 10.78	+2.2637.0000	+40 47 5.2	-14.291+.237	97.6	9
11192	WB 63	8.6	15 7 12.34	+3.2800+.0132	-12 0 37.1	-13.726+.354	96.4	2
11193	Lal 27769	8.2	9 56.99	+3.2656+.0127	-11 4 33.1	-13.550+.357	96.4	2
11194	$\beta$ Libræ	2.7	11 37.51	+3.2301+.0118	-9 0 50.8	-13.442+.355	97.7	22
11195	$\gamma$ Ursæ Min	3.1	20 53.01	-0.1251+.0739	+72 11 22.9	-12.830-.009	97.6	8, 7
11196	$\iota$ Draconis	3.5	22 42.13	+1.3298+.0132	+59 18 58.2	-12.707+.155	97.6	2
11197	$\alpha$ Coronæ Bor	2.3	30 27.22	+2.5304+.0024	+27 3 4.0	-12.176+.298	97.6	23
11198	$\alpha$ Serpentis	2.8	39 20.50	+2.9436+.0062	+6 44 23.9	-11.549+.356	97.7	26
11199	$\epsilon$ Serpentis	3.8	45 49.82	+2.9796+.0066	+4 46 42.4	-11.080+.367	97.8	10
11200	$\zeta$ Ursæ Min	4.3	15 47 37.23	-2.2428+.2005	+78 6 7.7	-10.949-.269	97.6	1

11157 R. A. from Polaris. Decl. S. P. 7°6 97°6 4 obs.

11164 R. A. from Polaris. Decl. S. P. 41°3 97°6 1 obs.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
11201	$\beta^1$ Scorpii	2.9	15 59 37.26	+3.4830+.0141	-19 31 54.4	-10.055+.443	97.7	10
11202	$\delta$ Ophiuchi	3.0	16 9 6.28	+3.1438+.0080	-3 26 13.2	-9.328+.409	97.8	16
11203	$\zeta$ Herculis	3.0	37 31.08	+2.2975+.0032	+31 47 0.6	-7.061+.316	97.6	8
11204	Lal 30479	7.6	41 3.48	+3.5287+.0105	-19 55 5.7	-6.771+.487	91.6	1
11205	$\kappa$ Ophiuchi	3.4	52 56.11	+2.8578+.0043	+9 31 49.2	-5.784+.401	97.8	12
11206	Lal 30854	6.5	53 54.91	+3.4914+.0088	-18 5 34.1	-5.702+.490	91.6	3
11207	$\epsilon$ Ursæ Min*	4.4	16 56 12.11	-6.313+.315	+82 12 7.9	-5.510-.882	<sup>97.8</sup> 97.8	5
11208	Radcl 3658	5.6	17 4 16.21	+3.3107+.0063	-10 23 33.8	-4.828+.470	91.6	2
11209	$\alpha^1$ Herculis	3.5	10 5.25	+2.7351+.0034	+14 30 14.8	-4.332+.391	97.7	25
11210	Lal 31478	7.8	14 34.47	+3.2549+.0052	-7 54 49.1	-3.948+.467	91.6	3
11211	Lal 31596	6.3	17 38.20	+3.1252+.0044	-2 17 21.0	-3.685+.449	99.6	1
11212	Pi 99	4.6	21 19.50	+3.1880+.0044	-4 59 54.4	-3.368+.459	99.6	1
11213	Pulk <sub>56</sub> 2481	5.7	28 9.54	+3.2042+.0040	-5 40 17.7	-2.777+.464	99.6	1
11214	$\beta$ Draconis	3.0	28 10.41	+1.3551+.0050	+52 22 31.1	-2.776+.197	97.5	3, 2
11215	$\alpha$ Ophiuchi	2.1	30 17.54	+2.7756+.0030	+12 37 58.1	-2.592+.402	97.7	20
11216	Lal 32035	8.0	31 9.43	+3.5275+.0050	-18 55 40.0	-2.517+.511	91.6	2
11217	BD-2° 4413	7.4	32 6.53	+3.1380+.0036	-2 48 53.2	-2.434+.455	99.6	1
11218	Lal 32280	6.8	37 16.46	+3.1844+.0034	-4 48 3.2	-1.985+.462	99.6	1
11219	Lal 32435	7.6	41 18.82	+3.1384+.0030	-2 49 14.8	-1.633+.456	99.6	1
11220	$\mu$ Herculis	3.5	42 32.72	+2.3706+.0025	+27 46 46.3	-1.526+.345	97.7	10
11221	Lal 32579	8.2	45 25.74	+3.1965+.0028	-5 18 3.8	-1.274+.465	99.6	1
11222	Pi 251	8.7	45 48.74	+3.5517+.0033	-19 44 54.9	-1.241+.517	91.6	2
11223	Lal 32723	7.2	49 14.32	+3.1530+.0025	-3 26 19.5	-0.941+.459	99.6	1
11224	WB 1005	9.0	51 26.64	+3.1048+.0024	-1 22 39.4	-0.749+.452	91.6	2
11225	WB 1052	8.3	53 39.10	+3.2282+.0023	-6 38 7.7	-0.555+.471	99.6	1
11226	$\gamma$ Draconis	2.4	54 17.00	+1.3927+.0030	+51 30 1.4	-0.500+.203	97.7	6
11227	Lal 33129	8.3	17 59 36.51	+3.2216+.0018	-6 21 22.1	-0.034+.470	99.6	1
11228	Pi 378	6.8	18 3 25.00	+3.1410+.0016	-2 55 20.3	+0.299+.458	99.6	1
11229	$\delta$ Ursæ Min*	4.4	4 32.48	-19.512-.126	+86 36 47.3	+0.398-2.843	<sup>97.8</sup> 97.7	32, 34
11230	$\alpha$ Lyrae	0.1	33 33.15	+2.0136+.0015	+38 41 24.8	+2.925+.289	97.7	21
11231	$\beta$ Lyrae	Var.	18 46 23.26	+2.2143+.0014	+33 14 46.8	+4.031+.314	97.6	7
11232	$\zeta$ Aquilæ	3.0	19 0 48.85	+2.7579+.0002	+13 42 52.8	+5.258+.386	97.6	8
11233	Br 2423	5.0	11 47.09	+3.5139-.0062	-19 7 51.8	+6.178+.485	97.7	5
11234	$\delta$ Aquilæ	3.4	20 27.36	+3.0088-.0018	+2 54 54.3	+6.896+.409	97.7	6
11235	$\lambda$ Ursæ Min*	6.6	22 32.09	-67.736-26.804	+88 59 15.4	+7.062-9.244	<sup>97.51</sup> 97.5	2, 3
11236	Lal 36902	6.7	26 3.61	+3.1231-.0030	-2 19 12.7	+7.354+.420	99.6	1
11237	$\beta$ Cygni	3.2	26 41.31	+2.4191+.0010	+27 44 58.1	+7.405+.324	97.7	6
11238	Lal 37055	8.5	29 55.62	+3.1705-.0037	-4 31 39.6	+7.668+.424	99.6	1
11239	Lal 37292	6.8	35 2.04	+3.1944-.0043	-5 40 39.1	+8.079+.423	99.6	1
11240	Pi 230	5.5	37 51.32	+3.4148-.0074	-15 42 5.3	+8.304+.450	91.6	2
11241	WB 964	9.0	39 58.60	+3.1737-.0043	-4 45 49.3	+8.472+.416	99.6	1
11242	$\gamma$ Aquilæ	2.8	41 30.33	+2.8517-.0011	+10 22 9.8	+8.594+.372	97.7	24
11243	$\alpha$ Aquilæ	0.9	45 54.20	+2.8917-.0015	+8 36 14.1	+8.940+.373	97.7	25
11244	Lal 37763	6.4	45 58.34	+3.1294-.0040	-2 42 50.2	+8.945+.404	99.6	1
11245	$\beta$ Aquilæ	3.9	50 24.06	+2.9449-.0021	+6 9 25.6	+9.290+.377	97.7	18
11246	Lal 38112	6.6	54 29.83	+3.1187-.0042	-2 14 30.3	+9.606+.395	99.6	1
11247	Lal 38241	8.2	19 57 23.49	+3.1464-.0047	-3 37 13.2	+9.828+.396	99.6	1
11248	Lal 38388	6.6	20 0 56.00	+3.1608-.0050	-4 21 46.8	+10.097+.394	99.6	1
11249	Lal 38538	7.9	4 7.46	+3.1306-.0047	-2 53 34.2	+10.337+.386	99.6	1
11250	Lal 38698	6.9	20 7 33.80	+3.1381-.0049	-3 17 43.7	+10.594+.384	99.6	1

11207 R. A. from Polaris.

11229 R. A. from 1 double transit 32°47', from Polaris 32°51' 22 obs. U. C., 32°40' 10 obs. L. C., Decl. S. P. 47°9' 98.0 23 obs.

11235 R. A. from Polaris.



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
11251	Pi 50	7.9	20 10 30.35	+3.1292-.0049	- 2 52 13.8	+10.811+.380	99.6	1
11252	$\kappa$ Cephei	4.4	12 15.73	-1.9435-.1672	+77 24 37.5	+10.940-.241	97.6	1
11253	$\alpha^2$ Capricorni	3.8	12 30.43	+3.3282-.0085	-12 51 18.0	+10.958+.402	97.8	12
11254	Lal 39155	7.8	17 53.30	+3.1523-.0055	- 4 7 55.6	+11.350+.374	99.6	1
11255	$\gamma$ Cygni	2.3	18 38.38	+2.1521+.0019	+39 56 10.8	+11.404+.253	97.7	5
11256	$\pi$ Capricorni	5.2	21 35.89	+3.4381-.0116	-18 32 23.0	+11.616+.404	97.7	7, 8
11257	Lal 39335	6.6	22 16.30	+3.1189-.0051	- 2 25 48.5	+11.664+.365	99.6	1
11258	Lal 39509	8.0	26 38.59	+3.1843-.0064	- 5 56 26.1	+11.973+.367	99.6	1
11259	$\epsilon$ Delphini	4.0	28 26.13	+2.8662-.0013	+10 57 47.8	+12.098+.328	97.7	6
11260	WB 678	8.0	29 14.42	+3.0880-.0047	- 0 49 15.8	+12.154+.353	99.6	1
11261	WB 748	7.8	32 0.72	+3.1032-.0050	- 1 39 34.9	+12.346+.351	98.8	1
11262	Lal 39786	7.2	32 52.90	+3.1596-.0061	- 4 43 51.3	+12.406+.356	99.6	1
11263	WB 873	8.3	36 24.97	+3.0794-.0046	- 0 21 59.5	+12.647+.343	98.8	1
11264	$\alpha$ Cygni	1.3	38 1.35	+2.0441+.0022	+44 55 22.2	+12.756+.224	97.8	8
11265	Lal 40013	7.9	38 35.46	+3.1866-.0068	- 6 18 49.6	+12.794+.352	99.6	1
11266	WB 1004	6.3	41 51.61	+3.1234-.0056	- 2 51 8.6	+13.013+.341	99.6	1
11267	$\mu$ Aquarii	4.8	47 15.66	+3.2369-.0083	- 9 21 31.6	+13.369+.346	97.6	4
11268	Br. 2754*	5.7	49 50.82	-4.091-.538	+82 9 39.7	+13.537-.446	<sup>[98.1]</sup> 97.5	4, 1
11269	BD-19° 5979	10	53 32.77	+3.4178-.0137	-19 33 17.9	+13.774+.356	91.8	1
11270	BD-19° 5980	9.5	20 53 37.88	+3.4178-.0137	-19 33 49.2	+13.779+.356	91.8	1
11271	$\delta^1$ Cygni	5.6	21 2 24.06	+2.3352+.0044	+38 15 19.2	+14.328+.232	97.7	4
11272	BD-19° 6032	9.2	3 52.58	+3.3895-.0136	-18 49 29.9	+14.417+.337	91.8	2
11273	$\zeta$ Cygni	3.4	8 40.77	+2.5519+.0039	+29 49 0.1	+14.706+.247	97.7	4
11274	$\beta$ Aquarii	3.1	26 17.71	+3.1602-.0071	- 6 0 40.0	+15.709+.280	97.7	7, 5
11275	Lal 41917	9.3	27 56.99	+3.0985-.0052	- 1 47 44.0	+15.799+.271	98.8	1
11276	$\xi$ Aquarii	4.8	32 25.72	+3.1898-.0082	- 8 18 9.9	+16.037+.272	97.7	10
11277	Lal 42179	6.8	34 22.21	+3.0797-.0046	- 0 30 12.1	+16.138+.260	98.8	1
11278	WB 845	8.4	37 19.94	+3.0729-.0043	- 0 0 34.6	+16.291+.254	98.8	1
11279	$\epsilon$ Pegasi	2.5	39 16.44	+2.9450-.0005	+ 9 24 59.1	+16.389+.240	97.8	3
11280	Lal 42398	8.3	40 14.48	+3.0817-.0045	- 0 40 11.7	+16.438+.250	98.8	1
11281	Lal 42553	7.8	45 6.25	+3.0866-.0046	- 1 4 19.2	+16.678+.243	98.8	1
11282	$\mu$ Capricorni	5.2	47 50.64	+3.2548-.0111	-14 1 21.2	+16.810+.252	97.7	2, 1
11283	Schj 8896	8.8	21 47 51.82	+3.0935-.0048	- 1 37 42.5	+16.811+.239	98.8	1
11284	$\alpha$ Aquarii	3.2	22 0 38.86	+3.0821-.0041	- 0 48 20.2	+17.394+.216	97.7	4
11285	Lal 43168	8.5	3 32.73	+3.0776-.0038	- 0 25 40.8	+17.519+.211	98.8	1
11286	Lal 43285	8.6	6 43.91	+3.0822-.0040	- 0 51 18.8	+17.653+.206	98.8	1
11287	WB 98	8.0	8 12.72	+3.0755-.0036	- 0 15 8.7	+17.714+.202	98.8	1
11288	$\theta$ Aquarii	4.3	11 33.42	+3.1614-.0075	- 8 16 52.4	+17.849+.202	97.7	4, 5
11289	BD-1° 4279 <sup>2</sup>	8.8	12 12.09	+3.0855-.0040	- 1 12 1.9	+17.875+.196	98.8	1
11290	Lal 43526	7.6	13 20.42	+3.0897-.0041	- 1 37 27.6	+17.919+.194	98.8	1
11291	$\gamma$ Aquarii	4.0	16 29.51	+3.0920-.0041	- 1 53 28.8	+18.042+.189	97.8	4
11292	Lal 43622	7.9	16 34.33	+3.0713-.0032	+ 0 8 24.8	+18.044+.188	98.8	2
11293	Lal 43730	7.0	19 26.26	+3.0894-.0040	- 1 41 40.5	+18.152+.184	98.8	1
11294	Br 2959	4.9	22 47.80	+3.0323-.0010	+ 4 11 39.4	+18.275+.174	98.8	1
11295	BD-11° 5839	8.8	23 35.08	+3.1829-.0089	-11 24 27.3	+18.304+.182	91.9	2
11296	$\zeta^1$ Aquarii	4.6	23 40.91	+3.0778-.0032	- 0 31 52.9	+18.307+.175	98.8	1
11297	$\zeta^2$ Aquarii	4.4	23 41.12	+3.0778-.0032	- 0 31 55.1	+18.307+.175	98.8	1
11298	Lal 43906	8.5	24 24.42	+3.0795-.0033	- 0 42 58.2	+18.332+.174	98.8	1
11299	Lal 44040	8.0	27 41.67	+3.0499-.0016	+ 2 29 33.7	+18.448+.166	98.8	1
11300	Lal 44050	8.5	22 28 4.72	+3.0857-.0035	- 1 25 33.3	+18.461+.168	98.8	3



No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
		M	h m s	s s	° ' "	" "		
11301	$\eta$ Aquarii	4.1	22 30 13.07	+3.0784-.0030	- 0 37 59.0	+18.533+.164	97.8	10
11302	Lal 44238	8.0	33 23.22	+3.0574-.0018	+ 1 46 47.6	+18.637+.158	98.8	1
11303	Pi 170	7.0	34 0.42	+3.1640-.0081	-10 32 52.9	+18.657+.161	91.9	1
11304	WB 673	8.3	34 8.28	+3.0833-.0032	- 1 14 11.1	+18.661+.156	98.8	4
11305	$\zeta$ Pegasi	3.6	36 28.46	+2.9860+.0024	+10 18 33.4	+18.735+.147	97.8	3
11306	M I 34138	8.7	37 15.70	+3.0836-.0031	- 1 18 52.6	+18.760+.151	98.8	4
11307	Lal 44406	7.5	37 17.45	+3.0343-.0002	+ 4 39 1.4	+18.760+.148	98.8	1
11308	Lal 44495	7.0	39 51.40	+3.0828-.0030	- 1 15 27.7	+18.839+.146	98.8	2
11309	BD-9° 6050	9.1	40 27.37	+3.1454-.0070	- 9 5 12.4	+18.856+.148	91.9	2
11310	Lal 44524	8.0	40 41.29	+3.0843-.0030	- 1 27 31.6	+18.863+.146	98.8	1
11311	Lal 44545	8.0	41 36.35	+3.0383-.0001	+ 4 22 52.7	+18.890+.140	98.8	1
11312	Lal 44670	7.8	45 34.43	+3.0809-.0026	- 1 6 28.0	+19.004+.135	98.8	3
11313	Lal 44712	7.2	46 37.21	+3.0414 .0000	+ 4 15 18.4	+19.033+.131	98.8	1
11314	$\lambda$ Aquarii	3.8	47 23.86	+3.1321-.0062	- 8 6 42.5	+19.054+.134	97.8	3
11315	Lal 44790	7.5	49 9.70	+3.0840-.0027	- 1 34 49.4	+19.102+.129	98.8	2
11316	BD-8° 5976	8.8	49 36.01	+3.1334-.0064	- 8 32 32.1	+19.113+.130	91.9	2
11317	Lal 44887	6.4	52 27.25	+3.0505-.0001	+ 3 16 28.3	+19.188+.121	98.8	1
11318	Br 3039	6.4	55 30.23	+3.0750-.0018	- 0 21 3.2	+19.263+.116	98.8	1
11319	Pi 275	6.0	55 37.22	+3.0566-.0004	+ 2 28 38.1	+19.266+.115	98.8	1
11320	Lal 45057	7.5	57 17.46	+3.0734-.0016	- 0 6 0.7	+19.306+.113	98.8	1
11321	WB 1190	8.5	58 48.63	+3.0586-.0003	+ 2 17 0.6	+19.342+.109	98.8	1
11322	$\alpha$ Pegasi	2.6	22 59 46.72	+2.9818+.0058	+14 40 1.9	+19.364+.105	97.7	5
11323	Lal 45206	8.2	23 1 56.64	+3.0580 .0000	+ 2 30 39.5	+19.412+.104	98.8	1
11324	Lal 45233	7.4	2 38.04	+3.0776-.0017	- 0 50 12.4	+19.427+.103	98.8	1
11325	WB 55	8.5	6 37.78	+3.0744-.0012	- 0 19 9.2	+19.511+.095	98.8	1
11326	Lal 45420	7.7	7 52.80	+3.0754-.0013	- 0 30 46.6	+19.536+.093	98.8	1
11327	WB 129	8.9	9 46.72	+3.0808-.0017	- 1 36 1.0	+19.573+.089	98.8	1
11328	M I 32252	9.0	12 59.60	+3.0730-.0008	- 0 3 5.5	+19.632+.083	98.8	2
11329	WB 210	8.7	13 10.29	+3.0755-.0010	- 0 34 56.2	+19.635+.083	91.9	1
11330	WB 212	8.7	13 13.05	+3.0728-.0007	- 0 1 18.5	+19.636+.082	98.8	1
11331	Lal 45758	8.7	17 14.74	+3.0769-.0010	- 0 57 20.9	+19.704+.075	98.8	1
11332	BD-1° 4426	8.3	18 14.72	+3.0790-.0012	- 1 29 43.3	+19.720+.073	98.8	2
11333	BD-5° 5982	9.3	19 13.59	+3.0932-.0030	- 4 56 43.2	+19.736+.072	92.0	2
11334	WB 362	8.7	20 28.53	+3.0728-.0003	- 0 1 7.6	+19.755+.068	98.8	1
11335	M I 32452	7.5	23 39.36	+3.0778-.0009	- 1 22 59.4	+19.800+.062	98.8	3
11336	Lal 46080	6.5	26 49.72	+3.0782-.0008	- 1 38 17.3	+19.842+.056	98.8	2
11337	WB 550	8.6	29 21.31	+3.0755-.0003	- 0 52 39.7	+19.873+.051	98.8	2
11338	M I 32572	8.8	30 16.04	+3.0763-.0004	- 1 10 55.9	+19.884+.051	98.9	1
11339	$\iota$ Piscium	4.3	34 48.34	+3.0597+.0031	+ 5 5 4.8	+19.931+.041	97.8	5
11340	BD-3° 5686	9.3	35 0.76	+3.0804-.0011	- 3 2 0.0	+19.933+.040	91.9	2
11341	$\gamma$ Cephei	3.4	35 14.47	+2.4446+.0773	+77 4 26.3	+19.935+.029	97.7	3
11342	Lal 46375	7.7	35 33.48	+3.0731+.0004	- 0 8 15.8	+19.938+.039	98.8	2
11343	BD-2° 6023	9.3	37 59.23	+3.0776-.0005	- 2 11 40.8	+19.960+.035	91.9	3
11344	Lal 46478	8.0	38 11.16	+3.0755 .0000	- 1 15 45.9	+19.961+.034	98.8	2
11345	Lal 46559	8.2	40 52.82	+3.0733+.0006	- 0 17 30.5	+19.982+.029	98.8	2
11346	Anon	10.7	42 31.25	+3.0758 .0000	- 1 44 44.9	+19.994+.026	92.0	2
11347	BD-0° 4570	8.0	43 50.41	+3.0729+.0009	- 0 6 35.1	+20.002+.023	98.8	2
11348	$\omega$ Piscium	4.0	54 10.51	+3.0690+.0048	+ 6 18 0	+20.046+.003	97.8	9

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## MISCELLANEOUS STARS

OBSERVED BY A. J. ROY.

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No.	Name.	Mag.	R. A. 1900.	Prec. and Sec. Var.	Decl. 1900.	Prec. and Sec. Var.	Epoch.	No. Obs.
	°	M	h m "	s s	° ' "	" "		
II349	-8° 1862	6.5	7 16 28.72	+2.8798-.0008	- 8 41 10.6	- 6.568-.394	99.2	1
II350	-3° 2384	8.8	8 27 47.89	+3.0033-.0032	- 3 43 8.7	-12.054-.345	00.2	2
II351	- 3 2390	9.0	8 28 39.48	+3.0111-.0034	- 3 18 38.4	-12.114-.344	00.2	2
II352	+21 2085	9.7	9 37 59.84	+3.3678-.0154	+20 48 52.9	-16.325-.278	00.2	2
II353	+26 2038	9.7	9 58 23.37	+3.4004-.0191	+25 50 33.3	-17.295-.244	00.2	2
II354	+30 1987	9.3	10 12 10.18	+3.4200-.0222	+29 49 1.0	-17.873-.218	00.2	2
II355	+33 2008	9.4	30 12.32	+3.4121-.0253	+33 37 1.7	-18.533-.182	00.2	2
II356	+34 2146	9.2	33 38.90	+3.4091-.0259	+34 22 32.7	-18.646-.175	00.2	2
II357	+34 2149	9.3	35 13.07	+3.3975-.0253	+33 53 54.1	-18.696-.171	00.2	2
II358	+35 2180	9.1	40 54.00	+3.3946-.0266	+35 26 21.5	-18.870-.159	00.2	2
II359	+35 2184	9.7	41 29.36	+3.3953-.0268	+35 41 44.5	-18.887-.158	00.2	2
II360	+36 2127	9.6	44 3.57	+3.3904-.0272	+36 8 39.6	-18.961-.153	00.2	2
II361	+38 2204	10	10 54 34.68	+3.3675-.0285	+38 3 49.8	-19.241-.130	00.2	2
II362	+41 2203	9.5	11 27 31.15	+3.2384-.0288	+41 15 23.2	-19.851-.058	00.2	2
II363	+43 2174	9.4	11 55 16.57	+3.0986-.0269	+43 8 44.5	-20.048-.001	00.2	2
II364	+43 2202	9.2	12 10 48.96	+3.0133-.0245	+43 17 15.1	-20.030+.029	00.2	2
II365	+43 2205	9.2	12 22.32	+3.0046-.0243	+43 21 1.8	-20.023+.032	00.2	1
II366	+43 2222	9.7	20 40.32	+2.9583-.0231	+43 32 0.4	-19.971+.047	00.2	2
II367	+43 2236	9.2	27 20.44	+2.9215-.0220	+43 32 53.0	-19.910+.059	00.2	2
II368	RU Virginis	8.5	12 42 13.01	+3.0526+.0018	+ 4 41 30.0	-19.713+.090	00.4	2
II369	-12 4214	7.5	15 5 43.91	+3.2906+.0135	-12 40 31.2	-13.820+.353	00.4	2
II370	-10 4063	8.5	15 9 56.98	+3.2656+.0127	-11 4 32.0	-13.550+.357	00.4	2





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APPENDIX.  
PROPER MOTIONS.

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No.	$\mu$	PE 100 $\mu$	$\mu^1$	PE 100 $\mu^1$	No.	$\mu$	PE 100 $\mu$	$\mu^1$	PE 100 $\mu^1$
	s	"	"	"		s	"	"	"
10	+ .0172	1.40	-.086	1.27	336	+ .0011	1.71	-.259	1.85
11	+ .0240	1.26	+ .057	1.25	357	- .0009	2.12	-.199	2.12
15	+ .0056	1.42	-.067	1.31	366	+ .0211	0.97	-.115	0.90
22	- .0040	1.50	-.167	1.60	377	+ .0123	0.97	+ .089	1.27
31	+ .0216	1.22	+ .097	1.52	390	+ .0215	2.75	-.067	2.91
37	+ .0092	1.32	-.051	1.56	398	+ .0239	1.63	-.007	1.53
41	- .0032	2.56	-.203	2.62	399	- .0039	2.06	-.161	1.85
42	- .0128	1.77	-.143	1.87	405	+ .0079	1.16	-.151	0.97
57	+ .0060	1.50	-.091	2.06	421	+ .0103	1.39	-.143	1.43
62	+ .0224	1.16	-.063	1.36	436	- .0017	1.56	-.291	1.63
66	- .0083	1.55	-.075	2.19	437	+ .0191	1.79	+ .073	1.65
70*	+ .0101	0.82	-.119	0.71	442	+ .0087	1.14	-.031	0.96
72	+ .0308	1.43	+ .065	1.47	449	+ .0075	1.81	-.139	2.56
73	+ .0184	1.29	-.443	1.48	450	+ .0155	1.03	+ .061	0.91
75	+ .0108	1.11	+ .033	1.00	454	+ .0635	1.90	-.019	1.68
81	+ .0220	3.33	-.255	2.91	458	- .0029	1.42	-.147	1.24
82	+ .0484	1.29	+ .065	1.42	465	+ .0091	1.44	-.275	1.63
84	- .0136	0.96	-.311	0.96	479	+ .0135	1.57	+ .017	1.95
88	+ .0112	1.67	+ .021	1.79	488	- .0053	1.70	-.155	1.83
98	- .0072	1.32	-.095	1.47	514	+ .0295	1.87	-.048	1.77
106	+ .0148	1.75	+ .013	1.85	515	+ .0299	1.59	-.040	1.59
107	+ .0052	1.04	+ .163	0.90	553	+ .0083	1.50	-.140	1.81
110	+ .0136	2.09	-.159	2.91	555	+ .0163	1.67	.000	1.46
115	+ .0096	1.32	+ .005	1.70	556	+ .0070	1.01	+ .016	0.90
138	+ .0195	2.62	-.111	4.67	571	- .0070	1.06	.000	0.95
143	+ .0040	1.81	-.263	1.83	574	+ .0427	1.40	+ .096	1.22
151	+ .0060	1.18	-.095	1.56	575	+ .0051	1.68	-.200	1.83
153	+ .0016	1.49	-.151	1.59	583	+ .0075	1.59	+ .120	1.79
154	+ .0263	0.99	-.127	0.92	584	- .0057	1.18	-.120	1.08
155	+ .0452	1.20	-.343	1.38	591	+ .0143	1.63	-.036	2.19
156	- .0056	1.77	-.179	1.97	600	- .0025	1.53	-.204	1.63
168	- .0101	2.15	-.135	2.50	601	+ .0115	1.59	-.068	1.81
171	+ .0244	1.67	+ .105	1.90	604	- .0025	1.33	-.216	1.60
196	+ .0068	1.23	-.067	1.23	606	- .0005	1.51	-.092	1.52
198	+ .0392	1.38	+ .117	1.49	614	+ .0119	1.30	-.044	1.40
202	+ .0464	2.35	-.267	2.40	615	+ .0131	1.52	-.028	2.35
206	- .0084	2.50	-.219	1.87	617	+ .0203	1.40	+ .032	1.32
210	+ .0491	1.51	+ .057	1.77	642	+ .0103	1.53	+ .120	1.79
236	+ .0071	2.83	-.167	3.21	645	+ .0230	1.08	-.096	0.81
237	- .0093	0.99	-.019	1.02	659	- .0061	1.53	-.100	1.85
241	- .0029	2.35	-.343	2.50	662	- .0058	1.36	-.136	1.18
258	+ .0131	1.60	+ .109	1.57	675	+ .0167	2.06	-.272	2.12
260	+ .0199	1.75	-.163	1.68	677	+ .0067	1.79	-.476	2.75
281	- .0029	3.33	-.183	3.10	682	+ .0391	1.57	+ .068	1.50
299	+ .0195	1.55	+ .209	1.56	685	+ .0047	2.83	-.152	2.83
305	+ .0147	1.62	-.175	1.60	696	+ .0071	1.65	-.196	2.35
315	- .0021	2.12	-.263	2.19	698	+ .0107	0.95	+ .080	1.14
326	+ .0143	0.91	-.083	0.69	718	+ .0018	1.01	-.088	0.89
329	+ .0183	3.62	-.315	3.80	726	- .0018	0.62	-.160	0.71
330	+ .0087	1.10	+ .041	0.95	735	+ .0338	2.12	+ .036	3.47

70 and 71 Common motion (?).



No.	$\mu$	PE 100 $\mu$	$\mu^1$	PE 100 $\mu^1$	No.	$\mu$	PE 100 $\mu$	$\mu^1$	PE 100 $\mu^1$
	"	"	"	"		s	"	"	"
743	+ .0158	1.39	+ .096	1.09	1302	+ .0150	1.56	- .258	1.68
777	- .0033	1.38	- .110	1.37	1310	- .0038	3.80	- .162	4.04
781	+ .0098	1.43	+ .032	1.42	1337	+ .0082	3.80	- .159	4.04
786	+ .0107	1.57	+ .112	1.67	1344	+ .0122	1.90	- .003	1.73
790	+ .0123	0.96	- .020	1.41	1358	+ .0050	2.40	- .139	2.35
806	+ .0167	1.87	+ .132	1.90	1387	- .0006	1.70	- .143	1.92
807	- .0018	0.76	- .116	0.60	1393	+ .0010	0.79	+ .157	0.73
813	- .0006	1.83	- .084	1.62	1430	+ .0042	1.79	+ .161	1.55
824	+ .0098	1.08	+ .028	0.99	1438	+ .0202	2.35	- .067	2.27
835	+ .0135	1.68	+ .060	2.03	1477	+ .0286	1.87	- .407	1.77
851	+ .0130	1.51	+ .003	1.29	1486	+ .0022	1.57	- .203	1.56
861	+ .0302	2.68	- .085	2.83	1492	- .0023	2.06	- .163	2.91
873	+ .0158	1.59	+ .123	1.65	1512	- .0022	1.65	- .359	1.53
883	+ .0210	1.48	+ .231	1.71	1514	- .0158	1.22	+ .043	1.35
900	+ .0022	1.81	+ .139	1.87	1515	- .0094	2.23	- .044	2.27
916	+ .0039	1.40	- .091	1.61	1530	- .0094	2.23	- .152	2.45
922	- .0078	1.71	- .305	2.19	1536	+ .0026	1.68	- .168	1.83
942	+ .0022	1.21	- .101	1.03	1563	- .0006	1.23	- .088	1.44
947	+ .0114	1.38	+ .003	1.59	1573	+ .0134	1.63	- .016	1.68
953	+ .0034	1.67	- .373	1.75	1593	+ .0098	1.56	+ .072	1.60
967	+ .0230	1.60	+ .171	1.70	1601	+ .0034	1.48	- .156	1.81
982	+ .0106	1.43	- .043	1.40	1609	+ .0149	1.25	+ .180	1.19
1006	+ .0234	3.47	+ .167	2.91	1610*	- .0214	1.56	+ .348	3.10
1009	+ .0142	1.26	+ .035	1.09	1610-II	- .0330	1.29	+ .396	1.07
1014	+ .0231	1.00	- .249	1.12	1611	- .0310	4.00	+ .400	4.00
1017	+ .0126	3.00	+ .363	3.80	1612	- .0055	1.83	- .260	2.68
1024	+ .0014	2.00	+ .127	3.00	1665	+ .0077	1.02	- .124	0.90
1026	+ .0074	1.14	- .269	1.44	1683	- .0082	1.37	- .060	1.62
1042	+ .0206	0.90	+ .015	0.94	1692	+ .0066	2.00	- .120	1.75
1045	+ .0003	1.87	- .101	1.77	1693	- .0034	1.16	+ .092	1.18
1046	+ .0086	1.65	+ .167	2.56	1704	+ .0118	1.01	- .240	0.70
1066	- .0050	1.53	- .233	1.56	1755	- .0130	1.39	- .200	1.70
1085	+ .0146	1.29	- .125	1.16	1767	- .0190	1.20	- .212	1.09
1138	- .0022	1.28	- .122	1.24	1784	+ .0238	2.31	+ .143	2.09
1143	+ .0030	1.46	- .294	1.70	1820	+ .0034	1.65	- .257	1.79
1186	- .0046	2.45	- .210	2.75	1826	- .0031	1.21	- .101	0.98
1188	+ .0118	1.52	- .086	1.87	1832	+ .0222	0.84	- .057	0.70
1205	- .0034	1.03	- .210	0.82	1837	+ .0034	1.73	- .169	1.95
1219	+ .0026	2.03	- .106	2.19	1859	- .0002	1.41	+ .115	1.40
1229	+ .0050	2.00	+ .134	1.71	1860	- .0054	2.23	+ .119	1.97
1233	- .0018	1.19	- .230	1.83	1879	- .0022	1.17	+ .307	1.33
1235	+ .0182	2.31	+ .026	2.03	1968	- .0022	1.35	+ .147	1.16
1249	+ .0046	1.81	- .118	1.81	2022	- .0175	2.83	+ .035	3.62
1267	+ .0062	1.56	- .178	1.60	2026	+ .0146	0.82	+ .051	0.96
1277	+ .0138	1.87	+ .086	1.95	2094	- .0098	1.67	+ .046	1.57
1279	- .0002	0.85	- .166	0.71	2111	- .0082	1.10	+ .034	1.06
1289	+ .0146	2.09	- .070	2.06	2124	+ .0158	2.00	- .070	2.03
1295	+ .0078	1.07	+ .174	0.86	2149	- .0066	1.16	- .014	1.10
1298	+ .0010	1.26	- .274	1.12	2233	- .0214	1.46	+ .090	1.75
1301	- .0042	1.29	+ .126	1.49	2234	- .0230	1.03	+ .090	1.01

1610-II Micrometer measures show relative motion.

No.	$\mu$	PE 100 $\mu$	$\mu^1$	PE 100 $\mu^1$	No.	$\mu$	PE 100 $\mu$	$\mu^1$	PE 100 $\mu^1$
	S	"	"	"		S	"	"	"
2285	-.0062	1.68	-.218	1.53	3324	-.0049	2.15	-.128	3.33
2287	-.0046	1.20	+.214	1.02	3333	-.0209	1.65	+.004	1.85
2338	+.0254	1.23	-.282	1.77	3373	-.0137	1.10	+.016	1.22
2344	-.0162	2.12	+.042	1.95	3376	-.0221	1.67	+.375	1.87
2400	-.0063	1.37	-.082	1.32	3383	-.0089	1.43	-.009	1.25
2411	+.0126	0.85	-.258	0.72	3409	-.0121	2.35	-.205	2.56
2413	-.0186	2.06	+.178	2.23	3415	-.0181	1.06	+.027	1.38
2430*	+.0126	1.52	-.034	1.49	3447	-.0105	1.22	+.059	1.30
2432*	+.0002	3.33	-.170	3.47	3476	-.0225	1.25	+.083	1.56
2488	-.0382	2.40	+.177	2.75	3484	-.0109	1.75	-.017	1.71
2508	+.0022	1.59	-.135	1.40	3491	-.0093	1.17	-.053	1.25
2554	+.0238	1.43	-.371	1.52	3495	-.0029	1.50	-.149	1.40
2611	-.0258	1.18	+.141	1.41	3496	+.0247	1.34	-.253	1.44
2613	+.0046	1.79	+.077	2.19	3519	-.0073	1.10	-.033	1.28
2622	-.0082	1.47	+.005	2.35	3532	-.0233	2.12	+.127	3.10
2631	-.0114	1.85	-.147	1.81	3543	-.0057	1.56	-.017	2.23
2683	-.0070	1.79	+.121	1.67	3572	-.0129	3.10	-.005	3.47
2694*	-.0018	2.68	-.215	3.33	3576	-.0213	1.87	+.071	1.97
2704	+.0114	1.44	-.295	1.47	3597	-.0069	1.79	-.145	1.53
2736	+.0202	2.56	-.179	2.31	3608	-.0097	1.90	-.157	1.97
2759	+.0002	1.51	-.159	1.81	3618	-.0133	1.50	-.033	1.55
2766	-.0241	1.07	+.157	1.41	3622	+.0131	1.75	-.133	1.97
2778	-.0030	0.98	-.147	0.93	3644	-.0101	1.38	-.077	1.41
2810	-.0142	1.30	+.037	1.28	3649	+.0035	1.24	-.093	1.41
2867	-.0106	0.96	-.051	1.10	3650	-.0125	0.86	-.009	0.71
2871	-.0106	1.41	+.001	1.23	3651	-.0113	1.56	-.353	1.67
2890	+.0034	2.40	+.253	2.56	3656	-.0141	1.62	-.005	1.71
2892	-.0070	1.63	+.120	1.53	3663	-.0161	2.06	+.115	2.31
2893	-.0261	1.70	+.164	1.49	3689	-.0085	1.00	+.079	1.05
2921	+.0114	1.46	-.024	1.24	3709	-.0165	1.49	+.083	1.63
2933	+.0047	1.77	-.280	1.85	3714	-.0069	0.90	-.073	0.86
2938	-.0205	1.13	+.272	1.37	3717	-.0401	1.12	-.137	0.98
2981	-.0249	0.73	-.036	0.76	3718	-.0369	3.80	-.121	3.21
3009*	-.0018	2.83	-.172	3.47	3728	+.0167	1.32	-.077	1.38
3075	-.0053	1.31	+.080	1.42	3743	+.0227	1.11	-.093	1.33
3085	-.0086	1.09	-.028	1.42	3749	+.0231	1.43	-.069	1.18
3124	+.0035	3.33	-.136	2.83	3755	+.0223	1.95	+.039	2.03
3141	-.0057	3.33	-.156	3.00	3757	-.0081	0.87	+.031	0.80
3144	+.0134	1.21	-.248	2.00	3772	+.0063	0.90	-.349	0.79
3147	-.0061	1.53	-.232	1.57	3775	-.0189	2.40	+.043	2.91
3160	+.0058	1.77	-.216	1.73	3776	-.0089	1.53	+.019	2.03
3172	-.0109	1.12	+.052	1.32	3778	-.0253	3.33	-.093	4.00
3174	+.0122	1.90	-.072	2.19	3786	-.0181	0.99	-.013	0.84
3190	-.0062	1.77	-.064	1.57	3793	-.0065	0.86	+.015	0.74
3230	-.0110	0.88	-.036	0.77	3852	-.0177	1.19	-.037	1.71
3242	-.0013	2.45	-.302	3.62	3872	-.0217	0.49	+.083	0.61
3250	-.0121	0.81	+.020	0.87	3887	+.0036	1.10	-.241	1.06
3270	+.0038	1.44	-.160	1.35	3891	-.0197	1.85	+.019	2.12
3274	-.0225	0.81	+.084	0.83	3901	-.0172	1.83	+.015	1.90
3312	-.0178	1.40	+.024	1.20	3908	-.0148	1.29	-.041	1.16

2430 May be error of one second in GC.  
2432 Only CZ. 2 obs.

2694 Only Yarnall. 2 obs.  
3009 Very discordant. May be 10" error in CZ.



No.	$\mu$	PE 100 $\mu$	$\mu^1$	PE 100 $\mu^1$	No.	$\mu$	PE 100 $\mu$	$\mu^1$	PE 100 $\mu^1$
	s	"	"	"		"	"	"	"
3914	-.0220	1.39	+.067	1.92	4358	-.0108	1.77	+.023	1.87
3926	-.0128	0.97	-.017	1.06	4362	-.0136	1.31	+.003	1.48
3931	+.0148	1.17	-.009	1.24	4366	-.0112	1.06	+.007	1.27
3939	-.0200	1.18	-.241	1.28	4374	-.0160	1.38	-.053	1.48
3947	-.0120	1.01	-.081	0.79	4382	-.0212	2.35	-.053	2.91
3948	-.0220	1.83	+.019	1.62	4383	-.0176	0.71	-.097	0.63
3957	-.0108	0.95	-.017	0.89	4388	-.0140	1.21	+.027	1.31
3964	-.0180	1.63	+.195	1.67	4392	-.0080	0.75	-.057	0.60
3968*	-.0112	1.57	+.039	1.59	4398	+.0060	1.49	-.349	1.41
3969*	-.0152	2.83	+.043	2.75	4405	-.0176	2.09	-.045	2.00
3978	-.0268	0.97	+.059	1.18	4411	-.0116	2.15	-.005	2.31
3989	-.0156	0.98	+.003	0.94	4413	-.0259	1.75	-.333	1.97
3990	-.0168	1.02	+.019	1.36	4415	-.0192	2.35	+.087	1.77
4002	-.0820	1.07	-.661	1.27	4432	-.0139	1.51	-.053	1.39
4016	-.0080	1.34	+.035	1.41	4439	-.0064	1.22	-.125	1.46
4026	-.0160	0.92	-.005	0.78	4443	-.0136	1.87	-.213	1.95
4034	-.0316	1.49	-.037	1.85	4456	-.0128	1.02	-.009	1.10
4042	+.0132	1.30	-.441	1.36	4468	-.0031	1.08	-.217	0.90
4046	-.0060	0.96	-.205	1.19	4469	-.0264	1.81	-.057	1.53
4052	-.0060	0.82	+.015	0.76	4470	-.0224	1.83	-.065	1.57
4056	-.0086	1.40	-.090	1.51	4477	-.0204	0.95	+.195	1.01
4057	+.0088	1.22	-.233	1.26	4479	-.0135	0.98	-.089	0.86
4089	-.0172	2.00	-.009	2.23	4485	+.0001	2.50	-.269	2.75
4094	-.0132	0.97	-.025	0.84	4496*	-.0095	2.09	-.117	2.83
4099	-.0220	1.46	-.013	1.52	4500	-.0419	3.33	-.161	3.21
4117	+.0132	2.40	-.165	2.68	4514	-.0051	1.68	-.109	1.77
4120	-.0056	1.75	-.113	1.71	4534	+.0153	1.43	-.193	2.09
4128	-.0140	0.89	-.165	0.73	4557*	+.0093	2.27	-.109	3.62
4140	+.0008	1.46	-.185	1.40	4559	-.0055	0.83	-.049	0.77
4147	+.0148	1.18	-.157	0.96	4571	-.0407	0.70	-.181	0.60
4158	-.0136	0.96	+.051	1.07	4572	-.0039	1.63	-.145	1.67
4162	-.0148	2.23	-.085	2.40	4583	-.0179	1.37	-.093	1.63
4164	+.0020	1.68	-.141	1.65	4584	-.0083	1.24	-.105	1.47
4170	-.0160	2.56	-.165	2.68	4595	-.0083	0.82	-.129	0.70
4180	+.0120	1.79	-.297	1.87	4596	-.0451	1.12	-.297	1.11
4203	+.0072	0.89	-.123	0.70	4597	-.0255	1.38	-.053	1.38
4208	-.0136	2.03	-.245	2.09	4600*	-.0199	2.68	+.039	2.91
4210	-.0192	1.52	-.045	1.75	4610	-.0203	1.05	-.093	1.10
4216	-.0196	2.27	-.117	2.35	4614	-.0159	3.33	-.165	2.62
4225	-.0088	1.33	+.047	1.20	4618	-.0087	1.00	-.081	0.89
4252	-.0216	2.56	-.025	2.75	4644	-.0383	1.02	-.317	0.85
4257	-.0084	1.00	-.153	0.99	4658	-.0023	0.90	-.173	0.99
4283	-.0076	2.03	-.093	2.35	4669	-.0123	2.09	-.073	2.62
4286	-.0168	1.04	-.049	1.12	4685	-.0047	1.23	-.085	1.18
4289	-.0336	1.04	+.007	1.18	4728	-.0047	1.26	-.081	1.15
4299	-.0081	1.02	+.024	1.16	4729	+.0061	0.94	-.133	0.93
4328	-.0100	0.91	-.021	0.66	4745	-.0079	0.82	+.003	0.70
4344	-.0136	1.77	-.085	2.03	4764	-.0063	1.16	-.049	1.21
4350	-.0356	1.10	-.209	1.32	4768	-.0067	1.26	-.081	1.06
4356	-.0100	1.70	-.197	1.87	4775	-.0179	0.84	-.257	0.72

3968-69 Common motion (?).  
4557 Discordant.

3969 Only GC. 4 obs.  
4600 Very discordant.

4496 Discordant.

No.	$\mu$	PE 100 $\mu$	$\mu^1$	PE 100 $\mu^1$	No.	$\mu$	PE 100 $\mu$	$\mu^1$	PE 100 $\mu^1$
"	"	"	"	"	"	"	"	"	"
4805	-.0079	1.48	-.037	1.28	5537	+.0078	1.27	-.162	1.07
4816	+.0025	1.90	-.449	2.00	5540	-.0118	2.27	-.002	2.40
4826	+.0001	2.35	-.153	2.56	5549	-.0075	1.23	-.174	1.23
4844	+.0021	1.41	-.365	1.46	5558	-.0398	1.43	-.246	1.97
4848	-.0015	1.41	-.165	1.50	5568	+.0050	1.90	-.182	1.73
4855	-.0043	1.55	-.161	1.52	5606	+.0126	1.59	-.158	1.60
4864	-.0187	3.33	-.073	3.21	5634	+.0018	0.93	-.122	1.05
4865	-.0091	1.14	-.017	1.47	5636	-.0046	2.19	-.134	2.45
4886	-.0183	1.29	-.049	1.43	5642	-.0019	0.86	-.102	0.89
4904	+.0097	1.29	-.037	1.18	5731	+.0243	2.62	+.194	3.21
4919	-.0095	1.03	+.159	0.92	5740	-.0006	1.05	-.074	0.89
4930	-.0095	1.27	-.185	1.05	5743	+.0066	1.44	-.125	1.40
4941	-.0147	1.67	-.113	1.56	5744	-.0023	1.05	-.105	1.04
4943	-.0187	2.56	-.177	2.68	5828	-.0007	0.82	-.133	0.65
4958	-.0143	1.24	+.127	1.48	5872	-.0114	1.08	-.333	0.92
4985	-.0111	1.67	-.105	1.62	5876	-.0062	1.17	-.133	1.11
5004	-.0030	1.71	-.405	1.47	5879	-.0071	1.20	-.197	1.03
5006	+.0073	1.37	-.125	1.73	5932	+.0006	1.03	-.193	0.96
5022	-.0059	1.62	-.140	1.71	6003	-.0003	1.53	-.121	1.42
5023	+.0001	0.82	-.096	0.56	6037	+.0006	1.51	-.121	1.42
5046	-.0095	3.80	-.244	3.62	6109	-.0198	1.70	-.564	1.97
5083	-.0083	1.37	-.235	1.49	6175	+.0006	2.23	-.176	2.35
5093	-.0070	0.80	-.135	0.68	6177	-.0025	1.46	-.116	1.81
5101	-.0015	0.76	-.151	0.69	6275	-.0003	1.97	-.116	1.60
5119	-.0098	0.94	-.139	0.87	6303	-.0039	0.61	-.316	0.53
5121	-.0071	1.67	-.123	1.90	6319	+.0042	1.51	-.120	1.36
5153	-.0047	1.68	-.143	1.35	6336	-.0053	2.15	-.256	2.75
5170	-.0187	1.09	-.047	0.92	6339	-.0166	1.71	-.264	2.03
5211	-.0050	1.11	-.091	0.94	6369	+.0021	2.00	-.216	1.85
5222	-.0142	1.59	-.059	2.23	6375	-.0002	0.90	-.128	1.06
5264	-.0382	1.29	-.223	1.33	6381	+.0090	0.79	-.160	0.66
5292	+.0085	1.77	-.127	1.92	6432	+.0166	1.59	-.192	1.68
5299	-.0062	1.03	-.111	0.87	6433	-.0018	1.77	-.280	1.75
5340	-.0199	3.10	-.139	2.56	6473	+.0106	2.09	-.116	1.75
5358	+.0110	1.22	-.247	1.20	6487	-.0114	1.35	-.144	1.36
5384	+.0009	0.89	-.167	0.91	6518	+.0006	0.80	-.135	0.71
5391	-.0270	1.63	-.027	1.36	6522	+.0174	0.94	-.283	0.78
5402	-.0310	1.73	-.259	1.44	6524	+.0026	0.85	-.115	0.77
5413	-.0138	2.40	-.215	2.62	6549	+.0030	1.50	-.095	1.38
5423	+.0018	1.29	-.319	1.44	6556	-.0006	2.19	-.105	1.95
5445	-.0111	1.18	-.090	1.42	6571	-.0043	2.12	-.159	1.97
5453	-.0022	1.75	-.162	2.56	6582	-.0034	1.62	-.167	1.57
5458	-.0054	0.91	-.270	1.00	6594	+.0038	0.80	-.123	1.00
5463	-.0059	0.81	-.142	0.67	6636	+.0070	0.99	-.107	1.02
5464	-.0003	1.17	-.126	1.50	6646	+.0001	0.74	-.095	0.57
5486	+.0029	0.87	-.254	0.98	6709	-.0201	1.70	-.351	2.31
5499	-.0026	2.68	-.174	2.56	6714	-.0011	1.79	-.167	2.12
5501	-.0191	1.56	-.142	1.37	6718	+.0005	1.83	-.279	2.45
5532	+.0042	0.96	+.106	1.08	6724	+.0030	1.33	-.119	2.15
5536	-.0062	1.57	-.142	2.03	6746	+.0065	1.73	-.147	1.77



No.	$\mu$	PE 100 $\mu$	$\mu^1$	PE 100 $\mu^1$	No.	$\mu$	PE 100 $\mu$	$\mu^1$	PE 100 $\mu^1$
	S	"	"	"		S	"	"	"
6754	+ .0042	1.27	- .146	1.95	7393	+ .0077	0.86	+ .028	0.85
6786	+ .0077	0.46	- .094	0.50	7398	+ .0181	0.95	+ .072	0.78
6799	- .0006	1.29	- .166	1.56	7401	+ .0033	0.72	- .148	0.64
6802	- .0106	0.84	- .018	0.78	7411	+ .0109	1.33	- .032	1.40
6810	- .0006	1.95	- .154	2.27	7431	+ .0185	0.82	- .032	0.78
6813	- .0011	0.70	- .126	0.56	7436	+ .0085	1.31	- .016	1.32
6816	+ .0086	1.35	- .106	2.03	7444	- .0067	1.04	- .092	0.87
6819	+ .0094	1.00	- .034	1.03	7461	+ .0041	1.77	- .160	1.92
6824	+ .0086	1.43	- .418	1.26	7467	- .0147	0.83	- .056	0.68
6830	- .0002	1.39	- .102	2.09	7472	- .0399	0.90	- .372	1.10
6832	+ .0030	0.75	- .138	0.66	7492	+ .0305	1.08	+ .072	0.94
6856	- .0018	0.91	- .258	0.93	7504	+ .0022	0.91	- .096	0.84
6859	- .0034	1.60	- .154	1.97	7509	- .0095	1.70	- .156	1.65
6890	- .0087	1.39	- .282	1.42	7531	+ .0037	0.80	- .268	0.60
6896	+ .0077	0.47	- .166	0.49	7537	+ .0045	1.55	- .188	1.65
6908	- .0066	1.51	- .114	1.70	7539	+ .0049	1.77	+ .136	1.55
6917	+ .0069	1.65	+ .050	1.67	7553	+ .0161	1.47	- .032	1.42
6931	+ .0134	1.68	- .242	1.65	7557	+ .0077	1.39	- .184	1.24
6960	+ .0086	0.87	- .118	0.88	7558	+ .0157	0.81	- .064	0.68
6985	- .0018	1.40	- .166	1.38	7565	+ .0049	0.91	- .084	0.82
7030	+ .0058	1.08	- .397	1.03	7571	+ .0101	1.06	- .024	1.00
7042	+ .0030	0.90	- .125	0.94	7575	+ .0241	1.17	- .212	1.37
7045	+ .0042	1.52	- .153	1.75	7577	+ .0005	1.75	- .100	1.71
7047	- .0155	0.87	- .081	0.64	7583	+ .0289	0.94	- .096	1.08
7048	- .0038	1.43	- .245	1.50	7586	+ .0017	0.76	- .112	1.24
7050	+ .0012	1.75	- .105	1.57	7588	- .0035	0.92	- .088	0.83
7052	+ .0010	2.23	- .145	2.40	7602	- .0067	1.13	- .100	1.37
7057	- .0027	0.86	- .133	0.88	7614	+ .0069	2.00	- .104	2.56
7076	- .0011	1.42	- .133	1.37	7622	+ .0089	1.05	- .056	1.41
7109	- .0087	0.62	- .145	0.56	7626	+ .0033	1.31	- .132	1.43
7133	- .0022	1.23	- .129	1.12	7642	- .0059	1.73	- .116	1.87
7144	+ .0110	1.65	- .057	2.03	7643	+ .0129	0.91	- .172	0.84
7153	- .0003	1.10	- .545	0.89	7645	- .0119	1.14	- .116	1.31
7163	+ .0037	0.84	- .125	0.89	7648	+ .0237	0.73	- .080	0.65
7187	- .0059	0.72	- .065	0.59	7653	+ .0113	1.56	- .116	1.62
7224	+ .0357	0.75	+ .451	0.63	7658	+ .0021	1.67	- .100	2.31
7225	+ .0129	0.89	- .301	0.94	7660	+ .0005	2.00	- .124	1.83
7234	+ .0153	1.52	- .033	1.42	7678	- .0023	1.04	- .096	1.26
7239	- .0059	1.10	- .213	1.14	7680	+ .0033	1.56	- .116	1.53
7287	- .0007	1.57	- .169	1.41	7712	+ .0097	1.27	- .072	1.36
7303	- .0075	1.45	- .130	1.42	7713	+ .0141	1.52	.000	1.50
7315	+ .0069	0.98	- .073	0.97	7735	+ .0077	1.34	- .103	1.41
7338	+ .0057	1.56	- .148	1.42	7744	+ .0133	1.92	- .043	2.31
7347	+ .0101	1.29	- .264	1.26	7756	- .0043	1.32	- .103	1.46
7348	+ .0073	1.75	- .152	2.31	7757	+ .0165	1.85	- .115	2.40
7350	- .0031	1.06	- .244	1.26	7759	+ .0025	1.36	- .091	1.35
7358	+ .0018	1.18	- .088	1.09	7782	- .0059	1.10	+ .009	1.06
7359	- .0138	1.59	- .136	2.75	7794	+ .0133	2.06	- .123	2.19
7369	+ .0142	1.21	- .180	1.02	7796	+ .0033	1.21	- .079	1.36
7392	+ .0125	1.53	+ .004	1.53	7798	+ .0201	1.40	+ .109	1.60

No.	$\mu$	PE 100 $\mu$	$\mu^1$	PE 100 $\mu^1$	No.	$\mu$	PE 100 $\mu$	$\mu^1$	PE 100 $\mu^1$
	s	"	"	"		s	"	"	"
7817	+ .0049	1.71	-.099	1.57	8138	+ .0116	1.85	+ .013	3.10
7818	+ .0317	1.38	-.079	1.49	8143	+ .0068	0.95	-.143	1.05
7822	+ .0301	0.75	-.091	0.83	8160	+ .0108	1.20	-.323	1.71
7831	+ .0017	1.65	-.099	1.60	8163	+ .0060	1.16	-.139	1.30
7846	+ .0145	1.40	-.807	1.48	8172	-.0044	1.63	-.187	1.47
7851	+ .0080	0.72	-.019	0.64	8191	+ .0100	1.36	-.035	1.59
7864	+ .0217	1.68	-.131	1.79	8199	+ .0148	1.30	+ .005	1.42
7869	+ .0124	1.32	-.071	1.31	8200	-.0192	2.31	-.183	2.75
7872	+ .0317	1.63	-.143	1.62	8206	+ .0208	1.71	-.027	1.68
7880	-.0024	2.00	-.163	2.09	8222	+ .0044	0.83	-.047	0.70
7899	+ .0316	0.75	+ .009	0.63	8226	+ .0080	1.10	+ .025	1.15
7913	+ .0252	1.73	+ .021	1.65	8227	-.0028	1.39	-.195	1.26
7915	+ .0256	2.00	-.059	2.19	8229	-.0012	2.15	-.127	2.50
7918	+ .0128	1.06	-.023	1.20	8247	+ .0068	1.53	-.167	1.48
7927	-.0096	1.34	-.043	1.32	8249	-.0104	1.23	-.339	1.30
7939	+ .0028	1.75	-.199	1.68	8259	+ .0088	1.07	-.011	1.10
7941	+ .0180	1.43	-.079	2.19	8262	+ .0200	1.51	-.151	1.73
7947	-.0044	1.07	-.167	1.32	8271	+ .4764	2.15	-2.371	2.40
7955	+ .0128	1.22	-.059	1.14	8276	+ .0132	1.51	+ .013	1.73
7956	+ .0069	2.19	-.115	2.68					
7964	+ .0040	1.71	-.211	1.65	8350	+ .0168	0.71	-.047	0.56
7969	+ .0028	0.97	-.187	0.91	8478	-.0072	2.23	-.139	1.38
7974	+ .0152	1.39	-.223	1.33	8739	+ .0132	1.81	-.645	1.83
7978	+ .0244	1.14	-.127	1.47	8813	-.0004	0.79	-.126	0.57
7982*	+ .0148	2.56	-.371	2.56	9694	-.0092	1.03	-.065	1.06
7983*	+ .0116	1.16	-.327	1.26	9731	-.0164	1.52	-.193	1.32
7989	+ .0072	0.73	-.151	0.63	9732	-.0152	0.60	-.153	0.36
7992	-.0660	1.29	+ .049	1.30	9932	-.0092	1.35	+ .031	1.28
7994	-.0016	1.49	-.199	1.31	10102	-.0852	0.75	-.492	0.81
7995	+ .0040	2.40	-.103	1.92	10114	-.0168	1.55	-.131	1.67
7997	+ .0148	1.42	-.103	1.39	10264	+ .0016	1.33	-.345	1.05
7999	-.0004	1.97	-.159	1.75	10311	+ .0072	1.85	-.153	1.92
8006	-.0028	0.98	-.131	1.02	10581	-.0020	1.49	-.234	1.14
8016	+ .0064	1.90	-.167	1.70	10801	+ .0064	0.70	-.148	0.64
8017	+ .0084	1.44	-.115	1.26					
8018	+ .5624	0.78	+1.275	0.70					
8035	-.0136	1.02	-.027	1.04					
8052	-.0020	2.27	-.147	2.06					
8057	+ .0084	1.07	-.035	1.32					
8071	+ .0072	1.35	-.183	1.33					
8074	+ .0168	2.19	-.075	3.33					
8079	+ .0016	1.90	-.111	1.68					
8086	+ .0096	1.21	-.095	1.41					
8091	+ .0132	1.31	-.011	1.38					
8098	+ .0008	1.32	-.095	1.42					
8102	-.0008	1.17	-.183	0.72					
8111	-.0172	1.63	-.123	2.56					
8123	-.0160	0.82	+ .017	0.78					
8124	-.0020	1.14	-.143	0.96					
8127	+ .0032	1.14	-.103	0.91					

7982 Only GC.

7982-83 Probably common motion.



















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